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NEWS 4 JAN 16 IPC version 2007.01 Thesaurus available on STN
NEWS 5 JAN 16 WPDIDS/WFINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6 JAN 22 CA/CAPLUS updated with revised CAS roles
NEWS 7 JAN 22 CA/CAPLUS enhanced with patent applications from India
NEWS 8 JAN 29 PHAR reloaded with new search and display fields
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 10 FEB 15 PAYDPASPC enhanced with Drug Approval numbers
NEWS 11 FEB 15 RUSSIANPAT enhanced with pre-1994 records
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13 FEB 26 MEDLINE reloaded with enhancements
NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 18 MAR 15 WPDIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19 MAR 16 CASREACT coverage extended
NEWS 20 MAR 20 MASRPAT now updated daily
NEWS 21 MAR 22 LWPI reloaded
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 23 MAR 30 INPADOCDB will replace INPADOC on STN
NEWS 24 APR 02 JICST-EPLUS removed from database clusters and STN
NEWS 25 APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 26 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 27 APR 30 CA/CAPLUS enhanced with 1870-1889 U.S. patent records
NEWS 28 APR 30 INPADOC replaced by INPADOCDB on STN

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V6.01C, CURRENT MACINTOSH VERSION IS V6.0C(ENG) AND V6.00C(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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FULL ESTIMATED COST

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ENTRY SESSION
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DICTIONARY FILE UPDATES: 29 APR 2007 HIGHEST RN 933681-85-7

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L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS

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Structure attributes must be viewed using STN Express query preparation.

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SEARCH TIME: 00.00.01

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PROJECTED ANSWERS:      301 TO 979

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L5 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 PREPARATION OF SUBSTITUTED I
 ACCESSION NUMBER: 2002:658130 CAPLUS
 DOCUMENT NUMBER: 137:201298
 TITLE:

DOCUMENT NUMBER: 157-201290
TITLE: Preparation of substituted isoxazolines as

INVENTOR (S) :

INVENTOR(S) : Andres-Gil, Jose Ignacio; Fernandez-Gadea, Francisco
 Alcaraz-Vaca, Manuel Jesus; Cid-Nunez, Jose
 Maria; Pastor-Fernandez, Joaquin; Megens, Antonius
 Adrianus Hendrikus Petrus; Heylen, Godelieve Irma
 Christine Maria; Langlois, Xavier Jean Michel; Bakker,
 Margaretha Henrica Maria; Steckler, Thomas Horst
 Wolfenarr

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: PCT Int. Appl., 100 pp.

DOCUMENT TYPE:

LANGUAGE: English

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PATENT INFORMATION:

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WO 2002066484	A1	20020829	WO 2002-EP1567	20020213
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RN: GH, GM, KE, LS, MW, NZ, SD, SL, SS, SZ, TG, TN, TZ, UG, UZ, VN, YU, ZA, ZW				
CV, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, NG, NI, SN, TD, TG				
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AU 2002244717	A1	20020804	AU 2002-244717	20020213
EP 1368358	A1	20031210	EP 2002-712909	20020213
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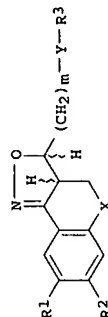
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 NZ 526741 A 20040430 NZ 2002-526741 20020213
 BR 2002007433 T 20040601 BR 2002-7433 20020213
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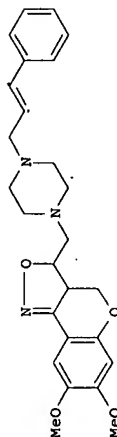
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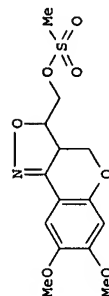
GI



I



II



III

AB Title compds. I [wherein X = CH2, NR7, S or O; R7 = H, (un)substituted alkyl, Ph, ph alkyl, etc.; R1 and R2 independently = H, OH, CN, halo, OSO2H, (un)substituted Ph, phenylalkyl, alkoxy, etc.; or R1 and R2 may be taken together to form a bivalent radical selected from -CH2CH2O-, -OCH2CH2-, -OCH2O-, -CH2OCH2- and -OCH2CH2O-; m = 1-4; Y = (un)substituted piperidyl or piperazyl radical and R3 represents an (un)substituted aromatic homocyclic or heterocyclic ring system including a partially or completely hydrogenated hydrocarbon chain of maximum 6 atoms long with which the ring

system is attached to the Y radical and which may contain one or more heteroatoms selected from the group of O, N and S), a process for their preparation, pharmaceutical compns. comprising them and their use as a medicine for treating anxiety disorders and disorders of body weight are disclosed. Thus, II was prepared in 60% yield by reaction of III with N-(3-phenyl-2-propenyl)-piperazine. III was prepared by substitution of Me 4-bromo-2-butenolate with 2-hydroxy-4,5-dimethoxybenzaldehyde with subsequent condensation with hydroxylamine, cyclization, reduction and sulfonation with methanesulfonyl chloride. The compds. according to the invention have surprisingly been shown to have a serotonin (5-HT) reuptake inhibitor activity in combination with addnl. α_2 -adrenoceptor antagonist activity and show a strong anti-depressant activity without being sedative. I produced an inhibition at the h2A site (but often also at the h2B and h2C sites) and simultaneously at the 5-HT transporter site of more than 50% (pIC50) at a test concentration ranging between 10-6 M and 10-9 M in a concentration dependent manner. The invention also relates to novel combination of substituted isoxazolines derivs. having anti-depressant activity and/or anxiolytic activity and/or body weight control activity with antidepressants, anxiolytics and/or antipsychotics to improve efficacy and/or onset of action.

IT 452321-67-4P 452321-69-6P 452321-71-0P

452321-73-2P 452321-75-4P 452321-77-6P

452321-80-1P 452321-82-3P 452321-85-6P

452321-87-8P 452321-89-0P 452321-91-4P

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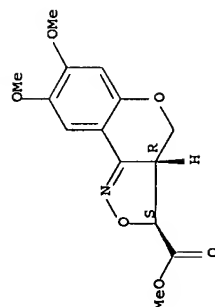
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RU: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate; preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)

RN 452321-67-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-7,8-dimethoxy-, methyl ester, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

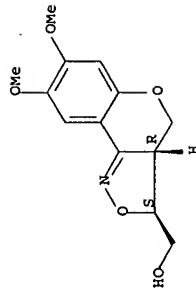


RN 452321-69-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

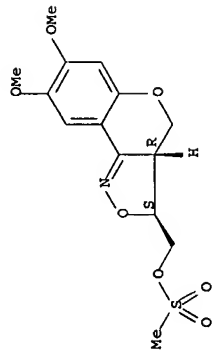
Relative stereochemistry.

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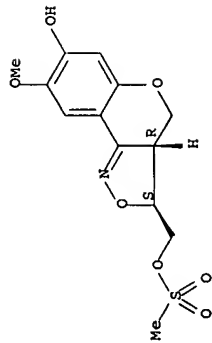
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CN 3H-(11)Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7,8-dimethoxy-,
methanesulfonate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452321-73-2 CAPLUS
CN 3H-(11)Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7-hydroxy-8-
methoxy-, alpha-methanesulfonate, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



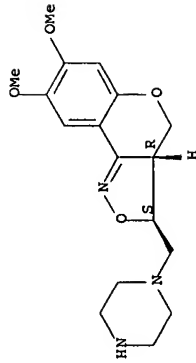
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CN 3H-(11)Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-(1-
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Relative stereochemistry.

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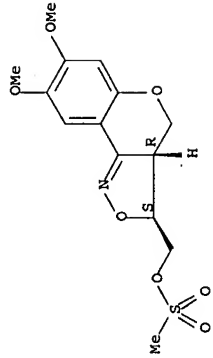
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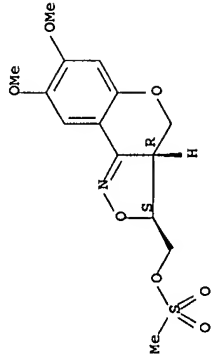
RN 452321-77-6 CAPLUS
CN 3H-(11)Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7,8-dimethoxy-,
methanesulfonate (ester), (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.



RN 452321-80-1 CAPLUS
CN 3H-(11)Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7,8-dimethoxy-,
methanesulfonate (ester), (3R,3aS)-rel- (-)- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.



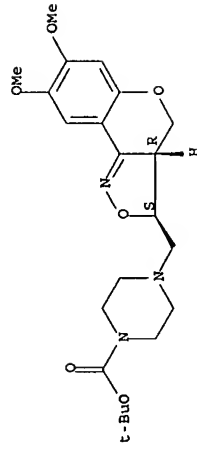
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CN 1-piperazinecarboxylic acid, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-
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(9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

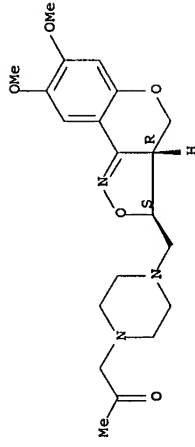
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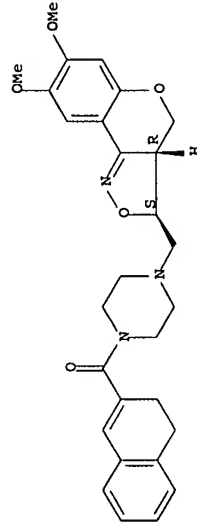
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CN 2-Propanone, 1-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-, rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



RN 452321-87-8 CAPLUS
CN Piperazine, 1-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-4-[[[(3,4-dihydro-2-naphthalenyl)carbonyl]-, rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



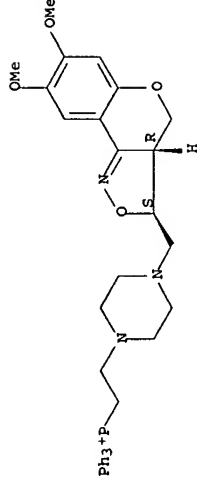
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CN Phosphonium, [2-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]ethyl]triphenyl]-, bromide, rel- (9CI)
(CA INDEX NAME)

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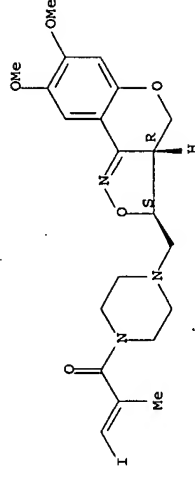
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Relative stereochemistry.



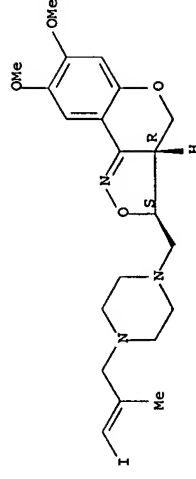
RN 452321-91-4 CAPLUS
CN Piperazine, 1-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-4-[[[(3-iodo-2-methyl-1-oxo-2-propenyl)-, rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452321-93-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(3-iodo-2-methyl-1-oxo-2-propenyl)-1-piperazinyl]methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



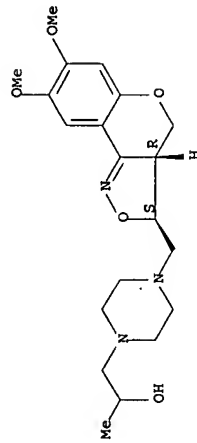
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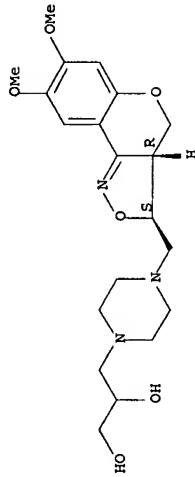
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CN 1-Piperazineethanol, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-
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(CA INDEX NAME)

Relative stereochemistry.



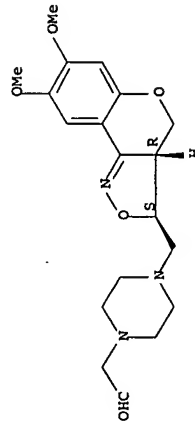
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CN 1,2-Propanediol, 3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-
[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-, rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



RN 452321-99-2 CAPLUS
CN 1-Piperazineacetaldehyde, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-
[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



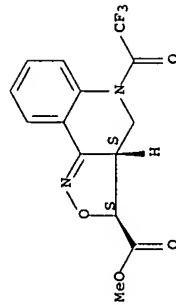
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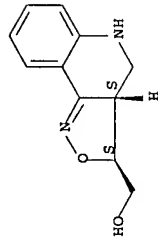
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CN Isoxazolo[4,3-c]quinoline-3-carboxylic acid, 3,3a,4,5-tetrahydro-5-
(trifluoroacetyl)-, methyl ester, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



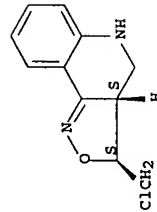
RN 452322-07-5 CAPLUS
CN Isoxazolo[4,3-c]quinoline-3-methanol, 3,3a,4,5-tetrahydro-, (3R,3aR)-rel-
(9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452322-09-7 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3-(chloromethyl)-3,3a,4,5-tetrahydro-,
(3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



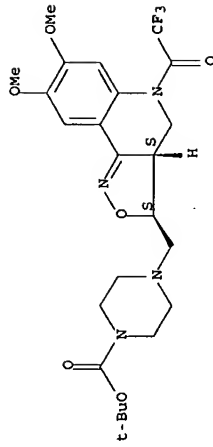
RN 452322-19-9 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aR)-3,3a,4,5-tetrahydro-7,8-
dimethoxy-5-(trifluoroacetyl)isoxazolo[4,3-c]quinolin-3-yl)methyl]-,
1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

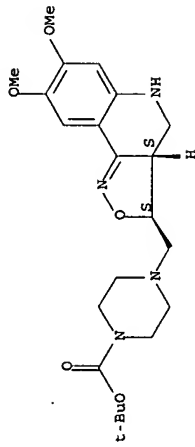
Erich Leese

10/513699



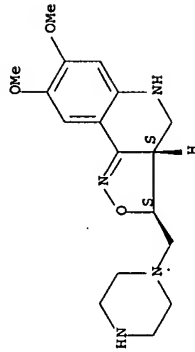
RN 452322-21-3 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[(3R,3aR)-3,3a,4,5-tetrahydro-7,8-dimethoxyisoxazolo[4,3-c]quinolin-3-yl]methyl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452322-23-5 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-(1-piperazinylmethyl)-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



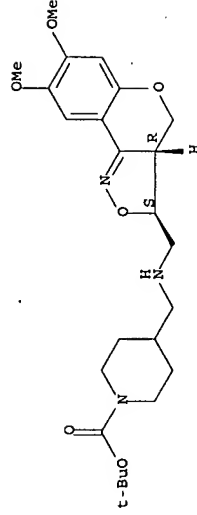
RN 452322-29-1 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]amino]methyl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

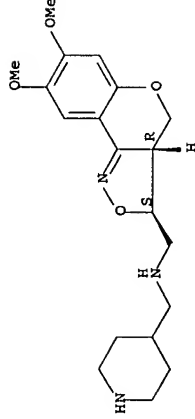
Erich Leese

10/513699

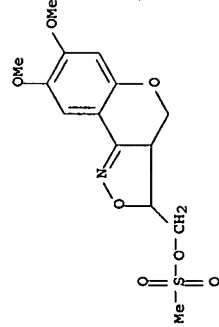


RN 452322-30-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanamine, 3a,4-dihydro-7,8-dimethoxy-N-(4-piperidinylmethyl)-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 452322-32-6D, resin bound 452323-46-5D, resin bound
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)
RN 452322-32-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7,8-dimethoxy-, methanesulfonate (ester) (9CI) (CA INDEX NAME)



RN 452323-46-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(diphenylphosphino)ethyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

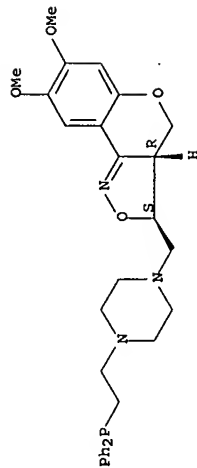
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Erich Leese

10/513699

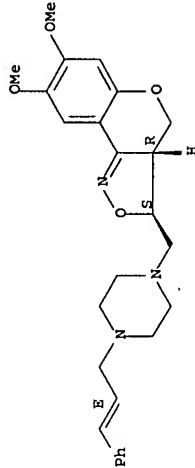
INDEX NAME)

Relative stereochemistry.



IT 452313-32-5P 452313-68-7P 452313-71-2P
 452313-80-3P 452313-82-5P 452316-78-8P
 RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN
 (Synthetic preparation); THO (Therapeutic use); BIOL (Biological study);
 PREP (Preparation); USES (Uses)
 (target compound, preparation and pharmaceutical activity of substituted
 isoxazolines as anti-depressants)
 RN 452313-32-5 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-
 3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride,
 (3R,3aS)-rel-(+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
 Double bond geometry as shown.



● 2 HCl

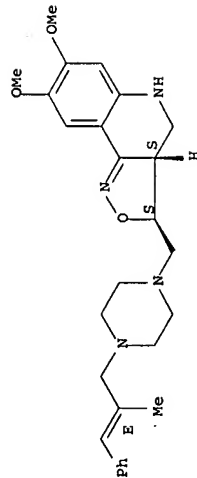
RN 452313-68-7 CAPLUS
 CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-
 methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel-(+)-
 (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
 Double bond geometry as shown.

<12/04/2007>

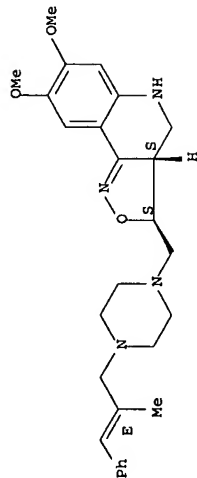
Erich Leese

10/513699



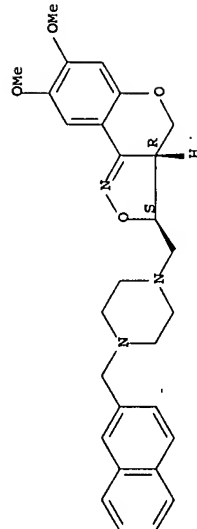
RN 452313-71-2 CAPLUS
 CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-
 methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel-(+)-
 (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
 Double bond geometry as shown.



RN 452313-80-3 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-
 naphthalenyl)methyl]-1-piperazinyl]methyl]-, dihydrochloride,
 (3R,3aS)-rel-(+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.



● 2 HCl

RN 452313-82-5 CAPLUS

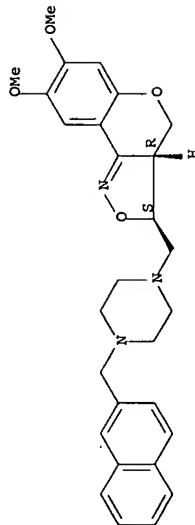
<12/04/2007>

Erich Leese

10/513699

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel-(-)-(9CI) (CA INDEX NAME)

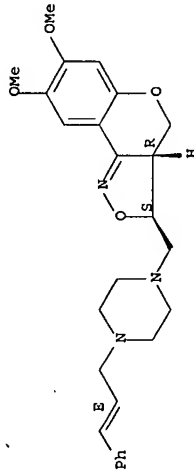
Rotation (-). Absolute stereochemistry unknown.



● 2 HCl

RN 452316-78-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((2E)-3-phenyl-2-propenyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel-(-)-(9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



● 2 HCl

IT 452313-59-6P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (target compound; preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)

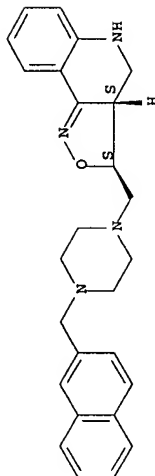
RN 452313-59-6 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

10/513699

Relative stereochemistry.



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<12/04/2007>

Erich Leese

10/513699

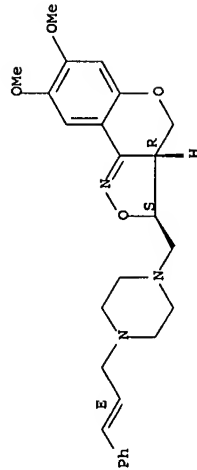
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RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); SPN (Synthetic preparation); USES (Uses)

(target compound; preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)

RN 4523113-36-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((2E)-3-phenyl-2-propenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 4523113-40-5 CAPLUS

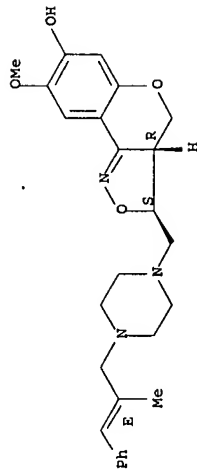
<12/04/2007>

Erich Leese

10/513699

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-((2E)-2-methyl-3-phenyl-2-propenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

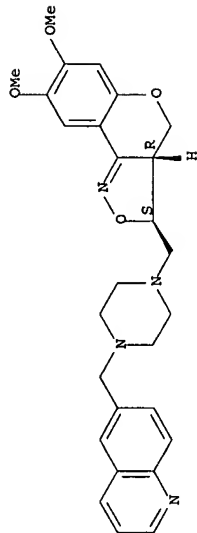
Relative stereochemistry.
Double bond geometry as shown.



RN 4523113-43-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((6-quinolinyl)methyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

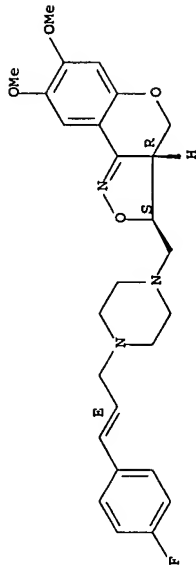
Relative stereochemistry.



RN 4523113-46-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-((2E)-3-(4-fluorophenyl)-2-propenyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



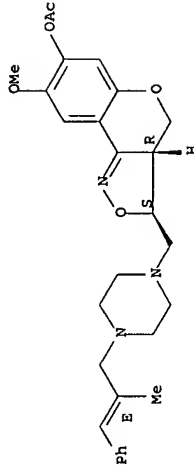
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Erich Leese

10/513699

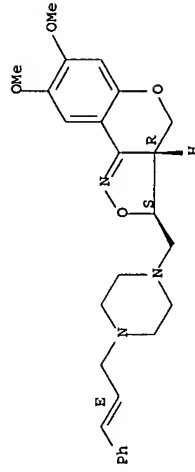
RN 452313-50-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452313-54-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (9CI) (CA INDEX NAME)

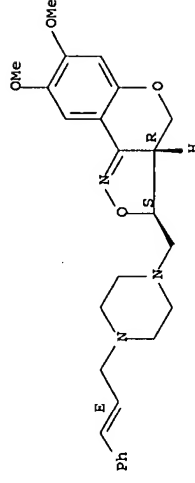
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452313-56-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(-)- (9CI) (CA INDEX NAME)

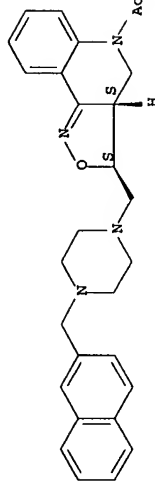
Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.

10/513699



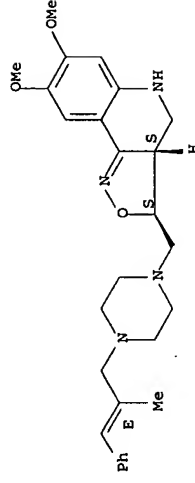
RN 452313-61-0 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 5-acetyl-3,3a,4,5-tetrahydro-3-[[4-[(2E)-naphthalenylmethyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452313-65-4 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452313-74-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(13-chlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)

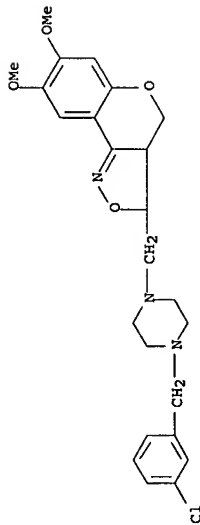
<12/04/2007>

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<12/04/2007>

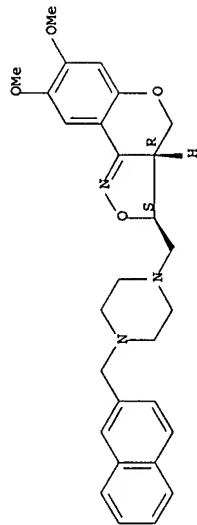
Erich Leese

10/513699



RN 452313-77-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

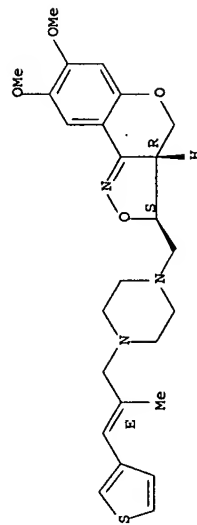
Relative stereochemistry.



RN 452313-85-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(3-thienyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



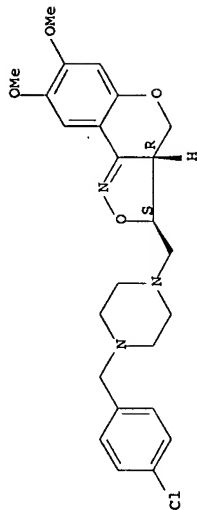
RN 452313-88-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-chlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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10/513699

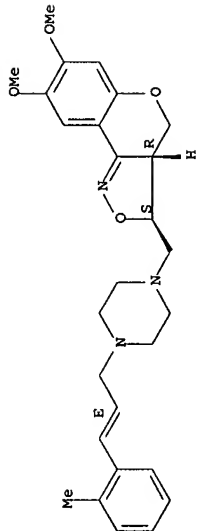
Relative stereochemistry.



RN 452313-91-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methylphenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

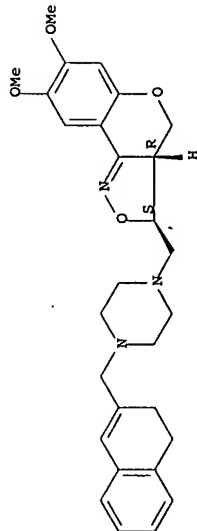
Relative stereochemistry.

Double bond geometry as shown.



RN 452313-93-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3,4-dihydro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452313-98-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(2-pyridinyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-

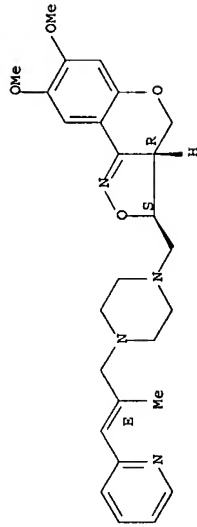
<12/04/2007>

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10/513699

(9CI) (CA INDEX NAME)

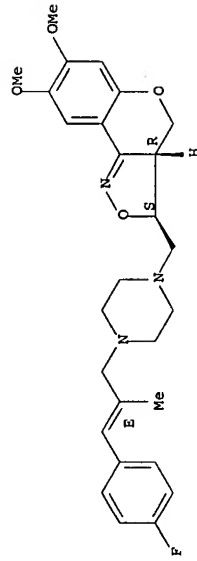
Relative stereochemistry.
Double bond geometry as shown.



RN 452314-01-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-(+)- (9CI) (CA INDEX NAME)

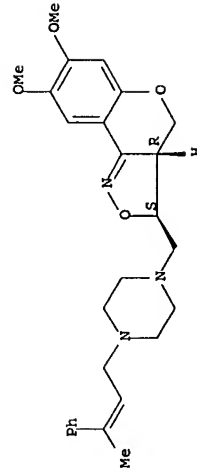
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452314-05-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenyl-2-butenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



<12/04/2007>

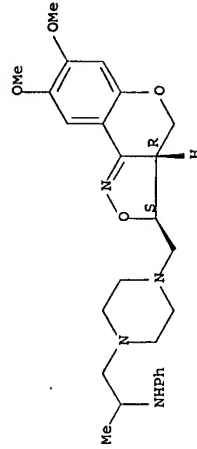
Erich Leese

10/513699

RN 452314-08-8 CAPLUS

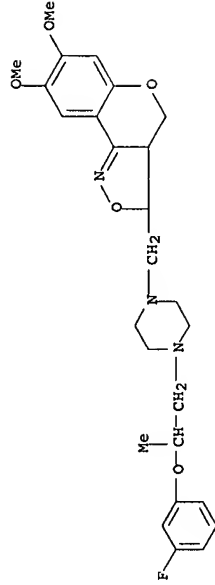
CN 1-Piperazineethanamine, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]- α -methyl-N-phenyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452314-11-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(3-fluorophenoxy)propyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)



RN 452314-14-6 CAPLUS

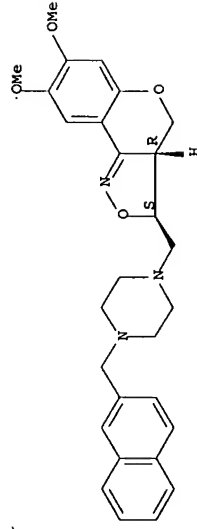
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

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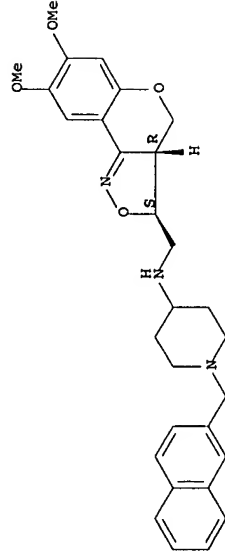
10/513699



● 2 HCl

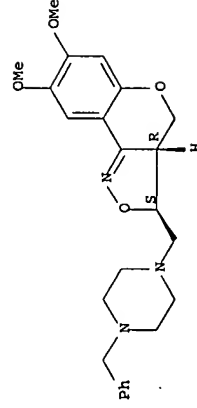
RN 452314-16-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanamine, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-(trifluoromethyl)phenyl]methyl]-1-piperidinyl]-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



RN 452314-18-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-(trifluoromethyl)phenyl]methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.

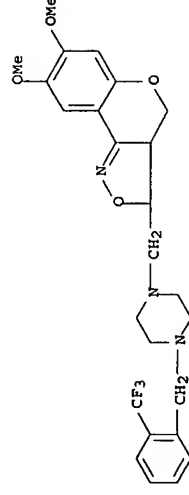


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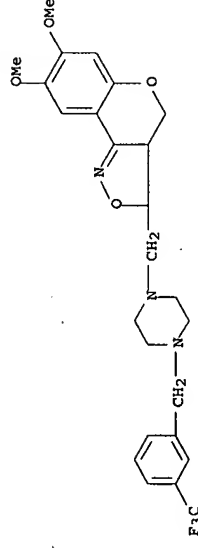
Erich Leese

10/513699

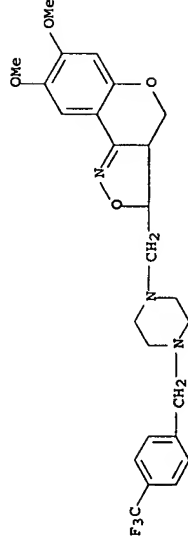
RN 452314-20-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-(trifluoromethyl)phenyl]methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452314-23-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-(trifluoromethyl)phenyl]methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452314-26-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-(trifluoromethyl)phenyl]methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



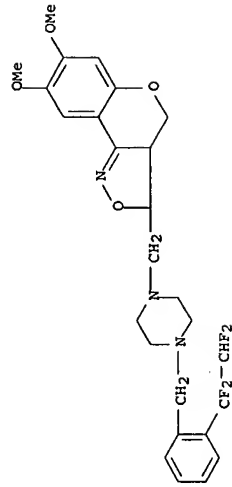
RN 452314-29-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-

<12/04/2007>

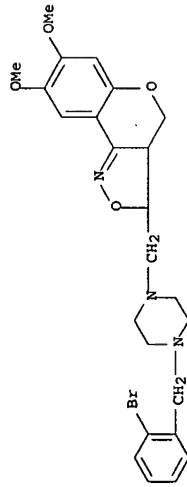
Erich Leese

10/513699

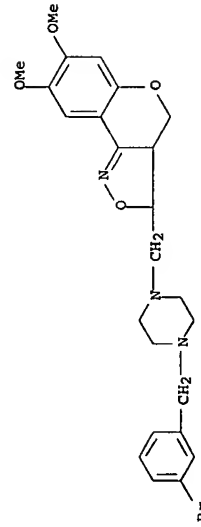
(1,1,2,2-tetrafluoroethyl)phenyl)methyl]-1-piperazinyl)methyl]- (9CI) (CA INDEX NAME)



RN 452314-31-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2-bromophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)



RN 452314-34-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3-bromophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)

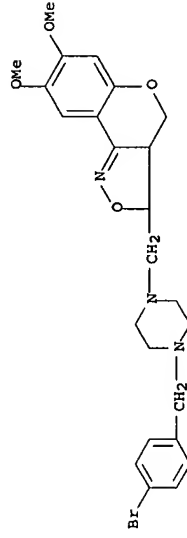


RN 452314-37-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-bromophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)

<12/04/2007>

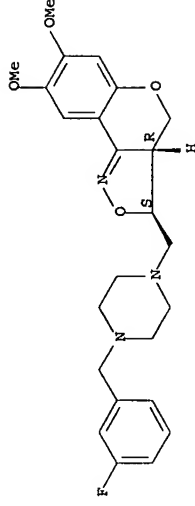
Erich Leese

10/513699



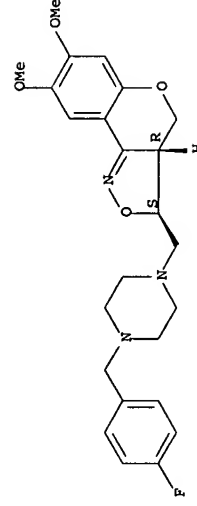
RN 452314-40-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3-fluorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452314-43-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-fluorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



● 2 HCl

RN 452314-46-4 CAPLUS

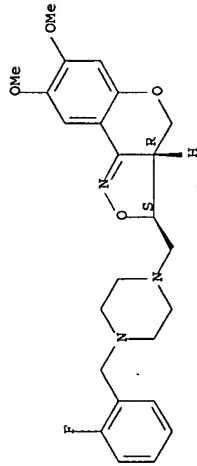
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Erich Leese

10/513699

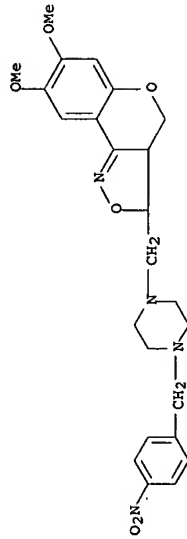
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2-fluorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



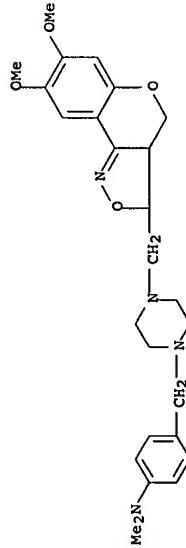
RN 452314-49-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(4-nitrophenyl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452314-52-2 CAPLUS

CN Benzenamine, 4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



RN 452314-55-5 CAPLUS

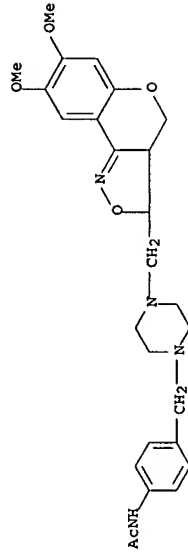
CN Acetamide, N-[4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]phenyl]- (9CI) (CA INDEX NAME)

<12/04/2007>

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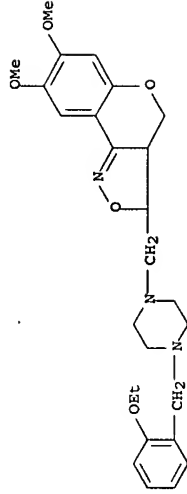
10/513699

NAME)



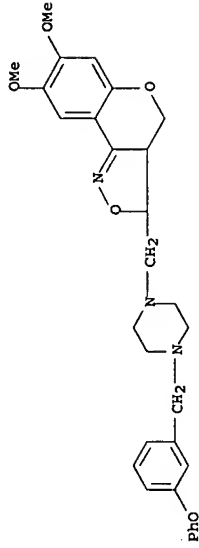
RN 452314-57-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2-ethoxyphenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)



RN 452314-60-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-phenoxyphenyl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



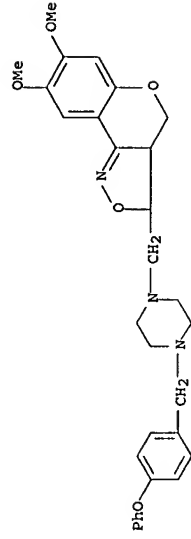
RN 452314-62-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(4-phenoxyphenyl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)

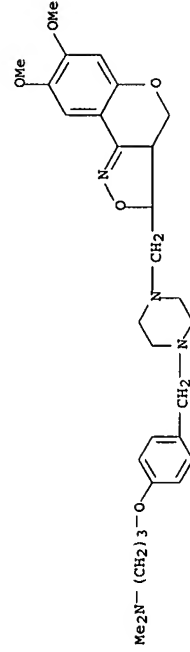
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Erich Leese

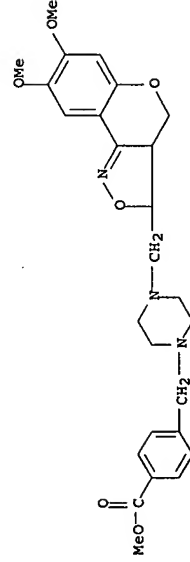
10/513699



RN 452314-65-7 CAPLUS
CN 1-Propanamine, 3-[[4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]phenoxy]-N,N-dimethyl]- (9CI) (CA INDEX NAME)



RN 452314-68-0 CAPLUS
CN Benzoic acid, 4-[[4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

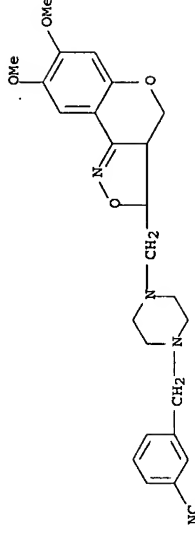


RN 452314-71-5 CAPLUS
CN Benzonitrile, 3-[[4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)

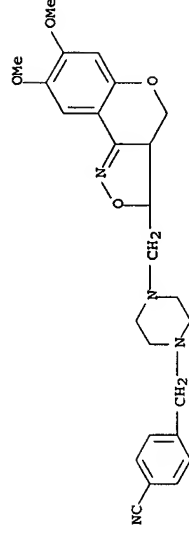
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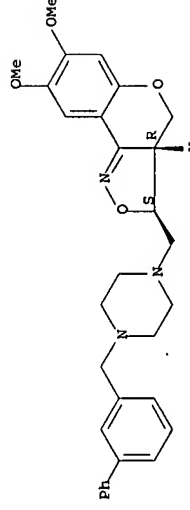


RN 452314-74-8 CAPLUS
CN Benzonitrile, 4-[[4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452314-77-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[[4-[(1,1'-biphenyl]-3-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

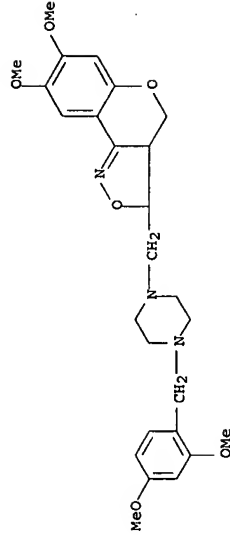


RN 452314-80-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[[4-[(2,4-dimethoxyphenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (9CI) (CA INDEX NAME)

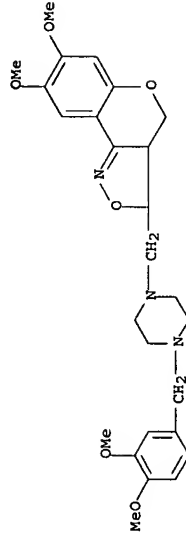
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Erich Leese

10/513699

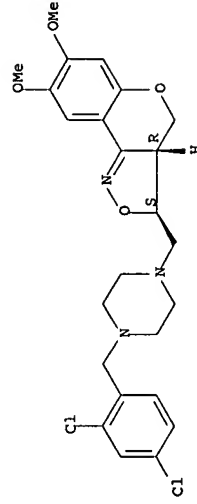


RN 452314-83-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3,4-dimethoxyphenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (9CI) (CA INDEX NAME)



RN 452314-86-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2,4-dichlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



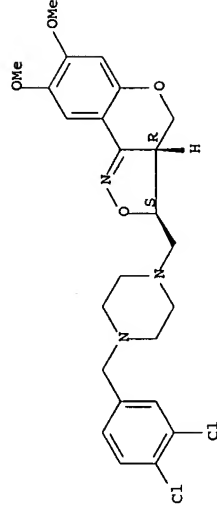
RN 452314-89-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3,4-dichlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

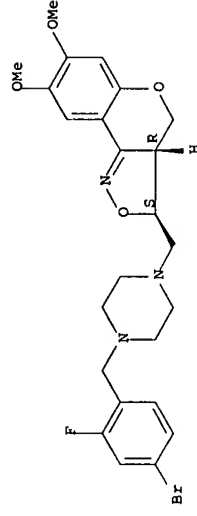
Erich Leese

10/513699



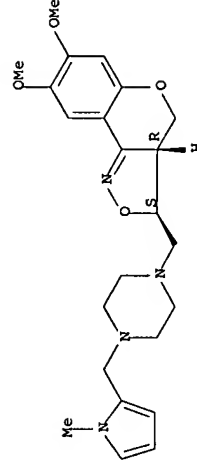
RN 452314-92-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-bromo-2-fluorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452314-95-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(1-methyl-1H-pyrrol-2-yl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



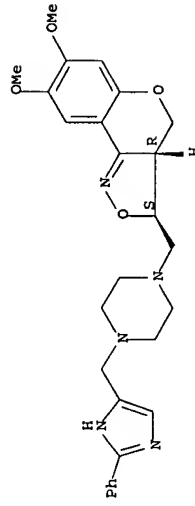
RN 452314-98-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2-phenyl-1H-imidazol-4-yl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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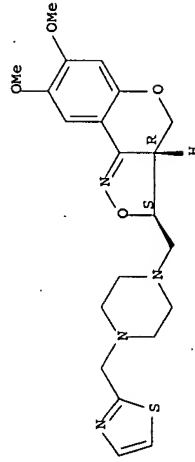
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Relative stereochemistry.



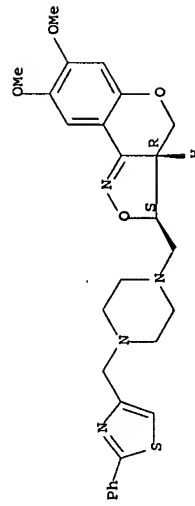
RN 452315-01-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-thiazolyl)methyl]-1-piperazinyl]methyl-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-04-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-phenyl-4-thiazolyl)methyl]-1-piperazinyl]methyl-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-07-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-furanylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

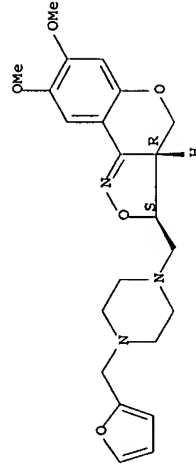
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Erich Leese

10/513699

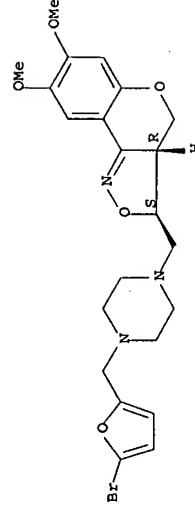
INDEX NAME)

Relative stereochemistry.



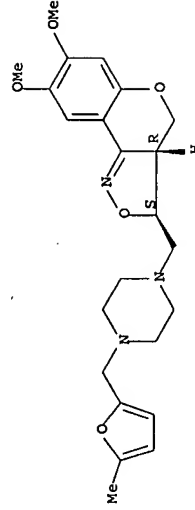
RN 452315-10-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5-bromo-2-furanyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-13-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(5-methyl-2-furanyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-16-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(3-furanylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

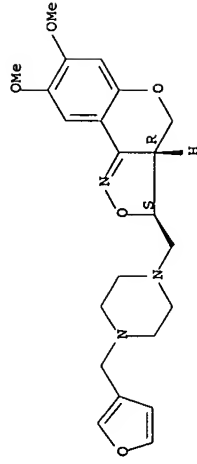
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Erich Leese

10/513699

piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

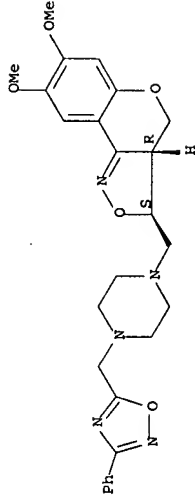
Relative stereochemistry.



RN 452315-19-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-phenyl-1,2,4-oxadiazol-5-yl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

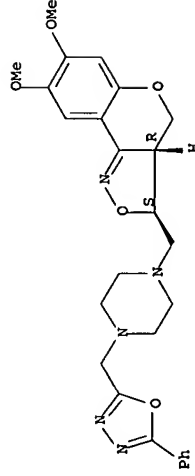
Relative stereochemistry.



RN 452315-22-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(5-phenyl-1,3,4-oxadiazol-2-yl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-24-1 CAPLUS

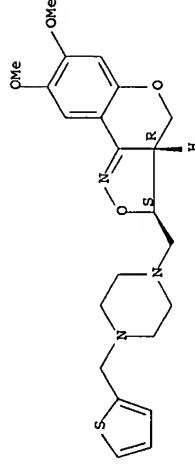
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Erich Leese

10/513699

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-thienyl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

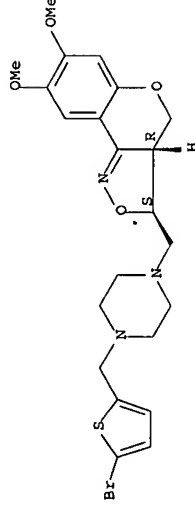
Relative stereochemistry.



RN 452315-27-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5-bromo-2-thienyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

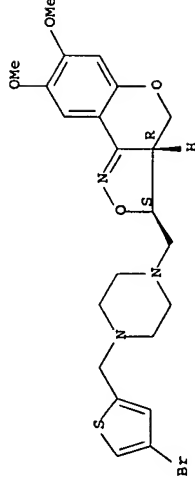
Relative stereochemistry.



RN 452315-30-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-bromo-2-thienyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



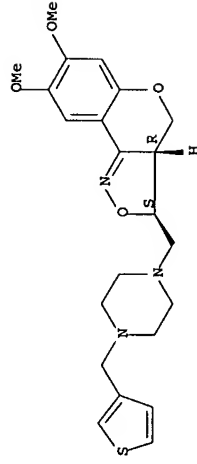
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10/513699

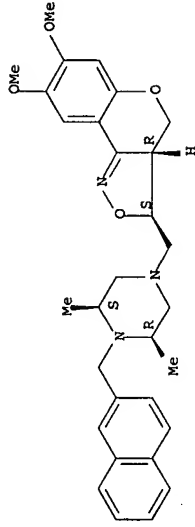
RN 452315-33-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-thienylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



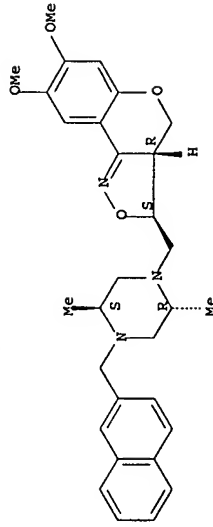
RN 452315-36-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[[(3R,5S)-3,5-dimethyl-4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-38-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[[(2R,5S)-2,5-dimethyl-4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3S,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



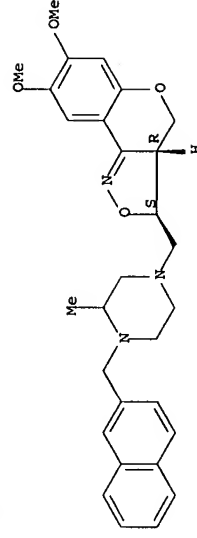
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Erich Leese

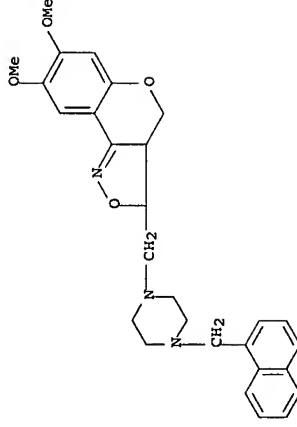
10/513699

RN 452315-40-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[3-methyl-4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-42-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(1-naphthalenylmethyl)-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



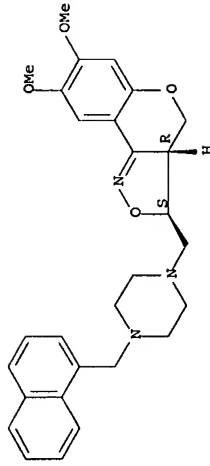
RN 452315-44-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(1-naphthalenylmethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

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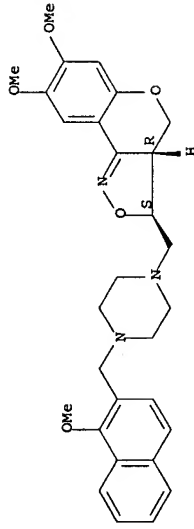
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● 2 HCl

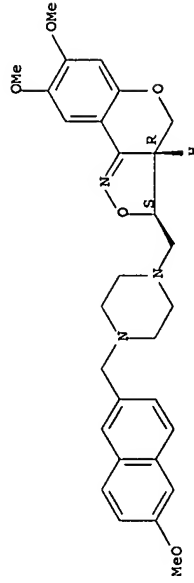
RN 452315-46-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(1-methoxy-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



RN 452315-48-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(6-methoxy-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



RN 452315-51-4 CAPLUS

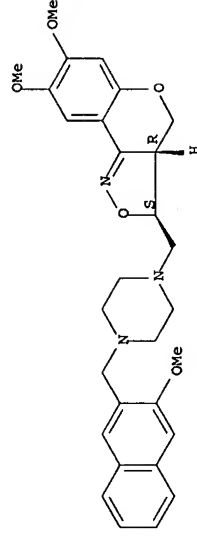
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10/513699

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-methoxy-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

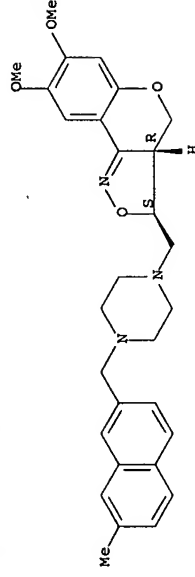
Relative stereochemistry.



RN 452315-52-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(7-methyl-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

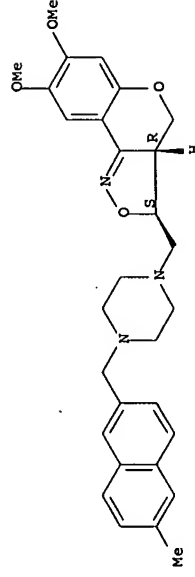
Relative stereochemistry.



RN 452315-55-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(6-methyl-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



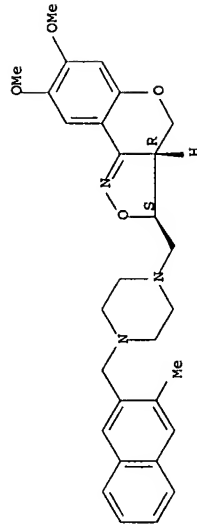
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10/513699

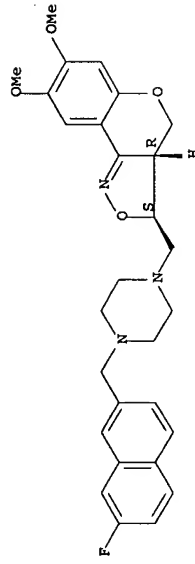
RN 452315-58-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-methyl-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



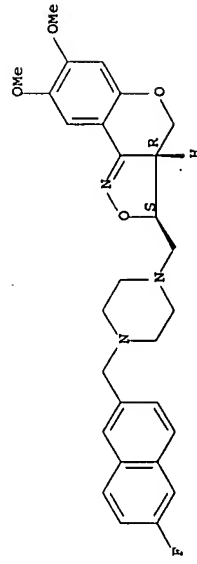
RN 452315-61-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3-[[4-[(7-fluoro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



RN 452315-63-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3-[[4-[(6-fluoro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



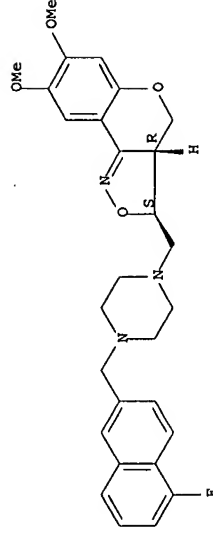
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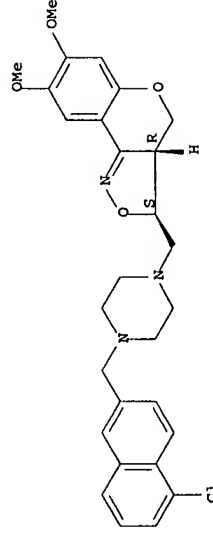
RN 452315-66-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3-[[4-[(5-fluoro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



RN 452315-70-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3-[[4-[(5-chloro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



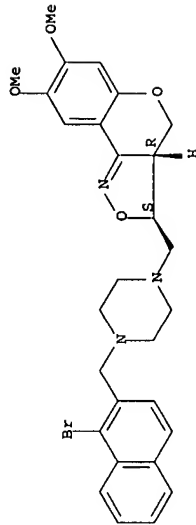
RN 452315-73-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3-[[4-[(1-bromo-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

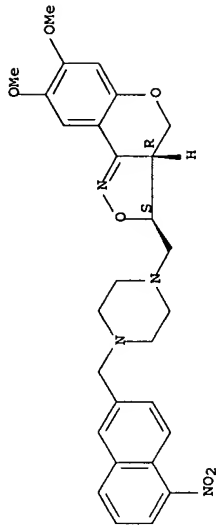
Erich Leese

10/513699



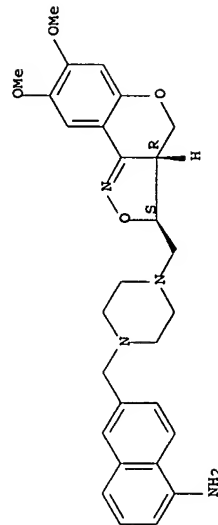
RN 452315-76-3 CAPLUS
CN 3H-1-benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(5-nitro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-79-6 CAPLUS
CN 1-Naphthalenamine, 6-[[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-1-benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



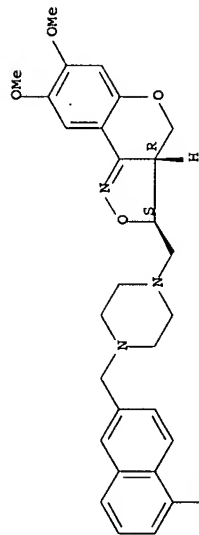
RN 452315-82-1 CAPLUS
CN 1-Naphthalenamine, 6-[[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-1-benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]methyl]-N,N-dimethyl-, rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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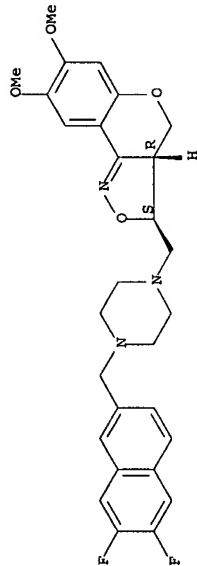
10/513699

Relative stereochemistry.



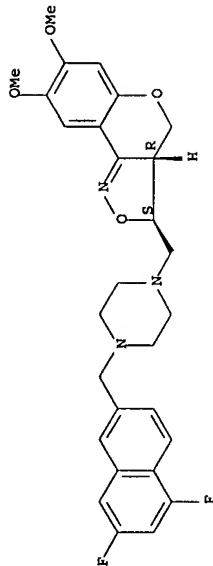
RN 452315-85-4 CAPLUS
CN 3H-1-benzopyrano[4,3-c]isoxazole, 3-[[4-[(5,7-difluoro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-87-6 CAPLUS
CN 3H-1-benzopyrano[4,3-c]isoxazole, 3-[[4-[(5,7-difluoro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-90-1 CAPLUS

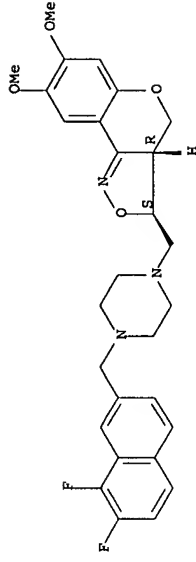
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10/513699

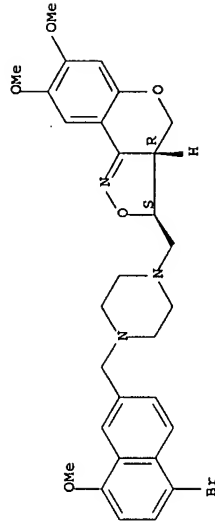
RN 452315-92-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[[7,8-difluoro-2-naphthalenyl]methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



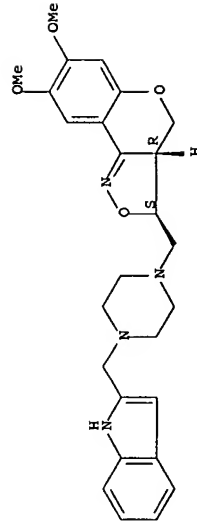
RN 452315-92-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[[5-bromo-8-methoxy-2-naphthalenyl]methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-94-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-[(1H-indol-2-ylmethyl)-1-piperazinyl]methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



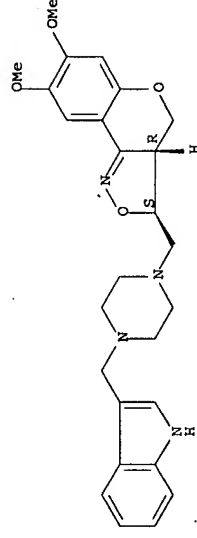
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10/513699

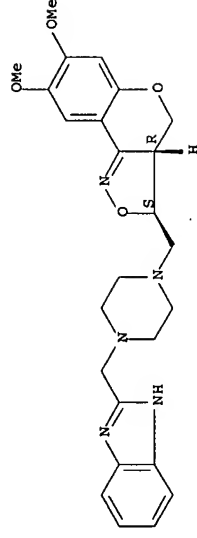
RN 452315-97-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-[(1H-indol-3-ylmethyl)-1-piperazinyl]methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-00-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(1H-benzimidazol-2-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



● 2 HCl

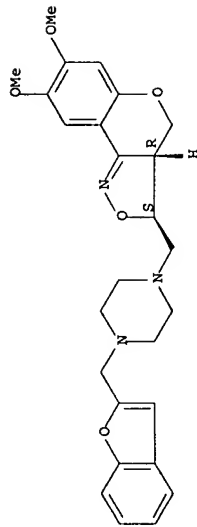
RN 452316-03-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-benzofuranylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

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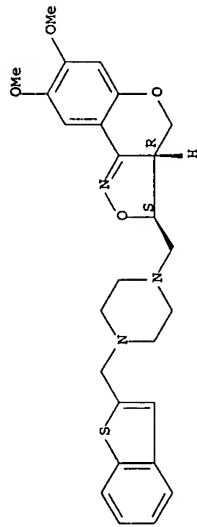
10/513699



● 2 HCl

RN 452316-06-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(benzo[b]thien-2-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

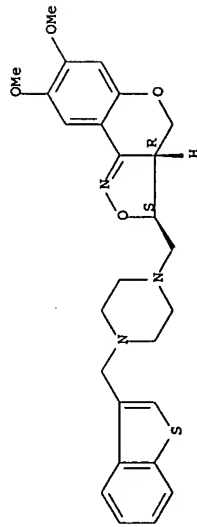
Relative stereochemistry.



● 2 HCl

RN 452316-09-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(benzo[b]thien-3-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

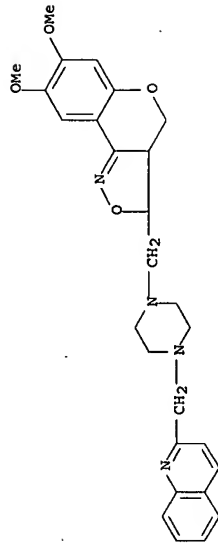


<12/04/2007>

Erich Leese

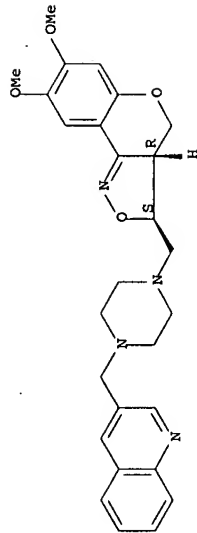
10/513699

RN 452316-12-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-quinolinylmethyl)-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452316-15-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-quinolinylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



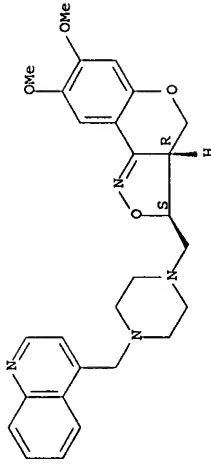
RN 452316-18-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(4-quinolinylmethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

Erich Leese

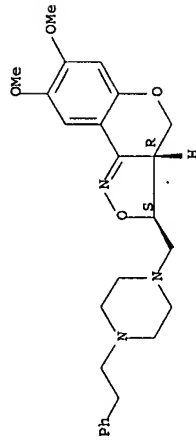
10/513699



● 2 HCl

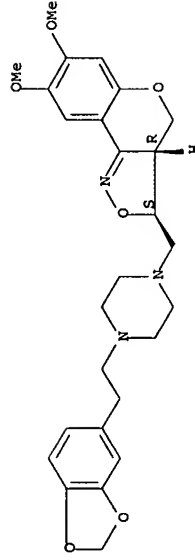
RN 452316-21-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-phenylethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-24-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(1,3-benzodioxol-5-yl)ethyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



● 2 HCl

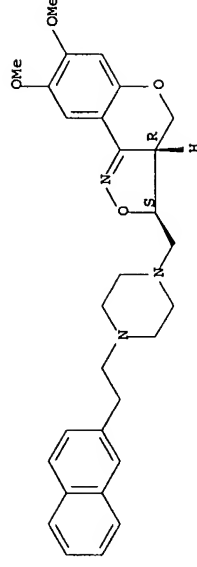
<12/04/2007>

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10/513699

RN 452316-27-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenyl)ethyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

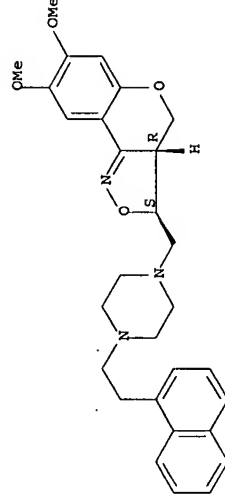
Relative stereochemistry.



● 2 HCl

RN 452316-30-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-(1-naphthalenyl)ethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



● 2 HCl

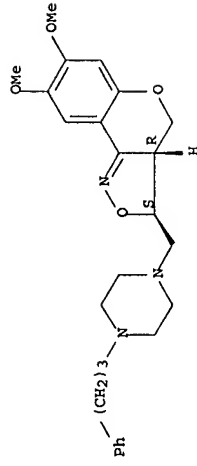
RN 452316-33-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenylpropyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

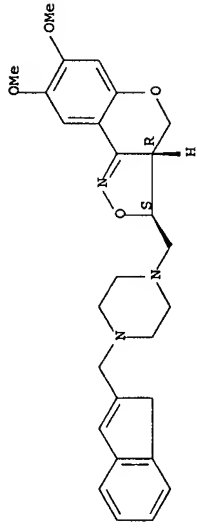
Erich Leese

10/513699



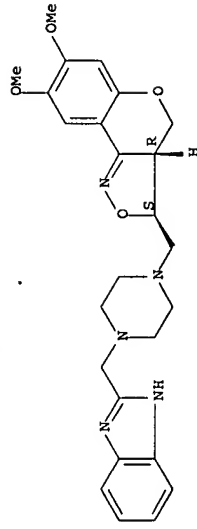
RN 452316-36-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(1H-inden-2-ylmethyl)-1-piperazinyl]methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-39-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(1H-benzimidazol-2-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



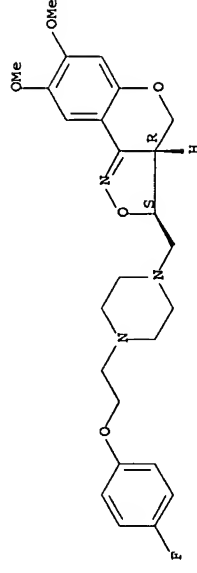
RN 452316-42-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-(4-fluorophenoxy)ethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

Erich Leese

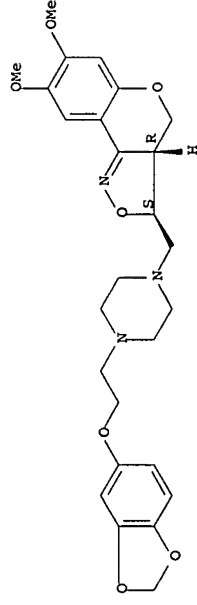
10/513699



● 2 HCl

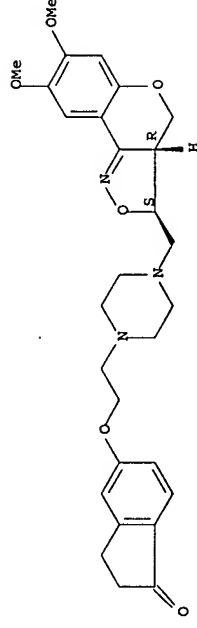
RN 452316-45-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-(1,3-benzodioxol-5-yloxy)ethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-48-2 CAPLUS
CN 1H-Inden-1-one, 5-[2-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]ethoxy]-2,3-dihydro-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-51-7 CAPLUS

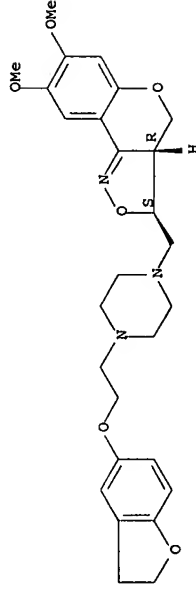
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10/513699

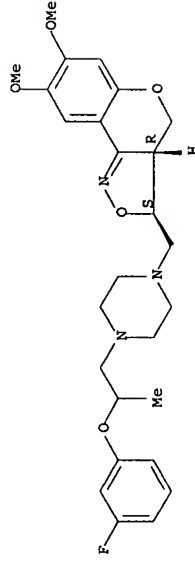
RN 452316-53-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-[(2,3-dihydro-5-benzofuran-2-yl)oxy]ethyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



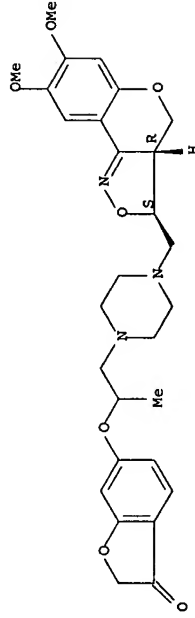
RN 452316-53-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(3-fluorophenoxy)propyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-55-1 CAPLUS
CN 3(2H)-Benzofuranone, 6-[2-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-methylethoxy]-1-methylethoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



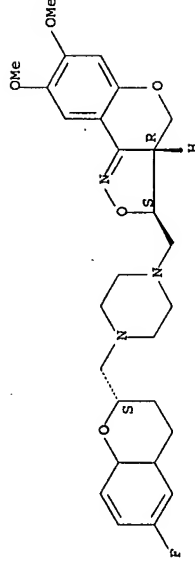
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10/513699

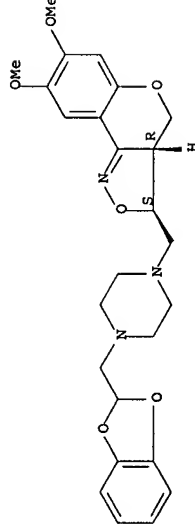
RN 452316-58-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[[[(2R)-6-fluoro-3,4,4a,8a-tetrahydro-2H-1-benzopyran-2-yl]methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



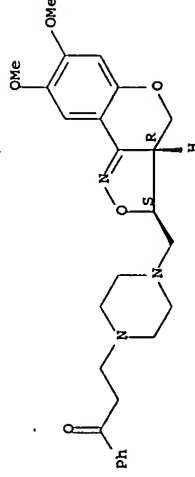
RN 452316-64-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[[1,3-benzodioxol-2-yl]methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-66-4 CAPLUS
CN 1-Propanone, 3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-phenyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



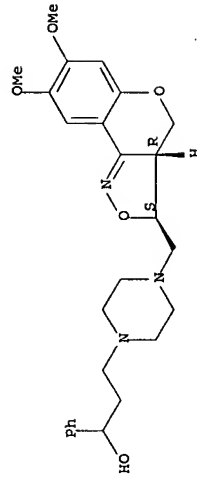
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Erich Leese

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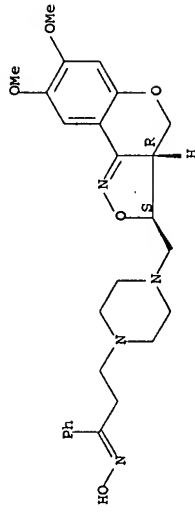
RN 452316-69-7 CAPLUS
CN 1-piperazinepropanol, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]- α -phenyl]-, rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



RN 452316-72-2 CAPLUS
CN 1-Propanone, 3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-phenyl]-, oxime, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



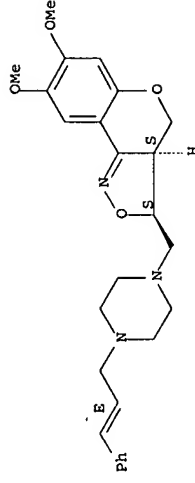
RN 452316-75-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

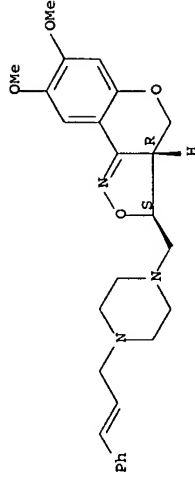
Erich Leese

10/513699



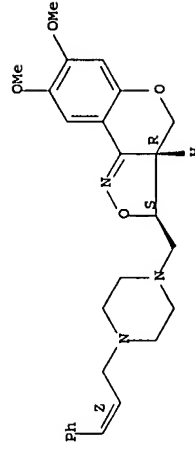
RN 452316-81-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-phenyl-2-propenyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452316-84-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2Z)-3-phenyl-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



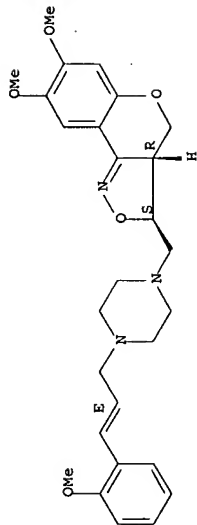
RN 452316-87-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methoxyphenyl)-2-propenyl]-1-piperazinyl)methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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10/513699

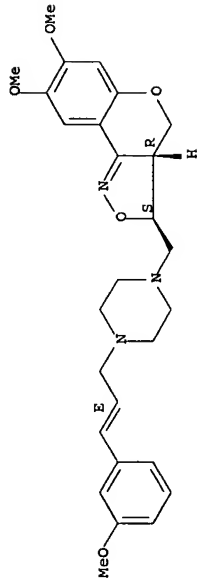
Relative stereochemistry.
Double bond geometry as shown.



● 2 HCl

RN 452316-89-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-methoxyphenyl)-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



● 2 HCl

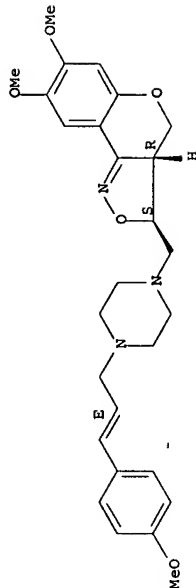
RN 452316-91-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(4-methoxyphenyl)-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

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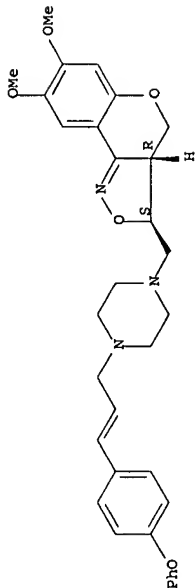
10/513699



● 2 HCl

RN 452316-93-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-(4-methoxyphenyl)-2-propenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

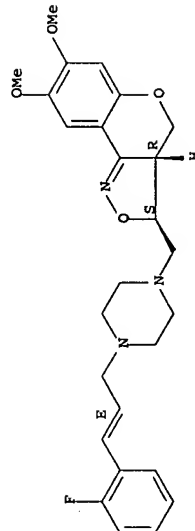
Relative stereochemistry.
Double bond geometry unknown.



RN 452316-95-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



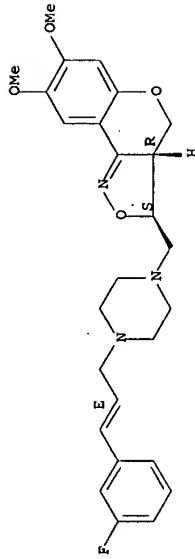
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10/513699

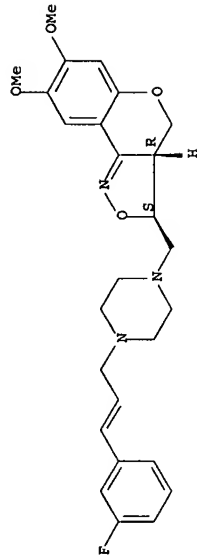
RN 452316-97-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



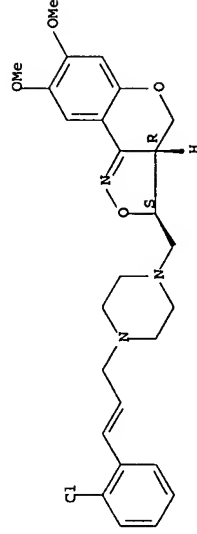
RN 452316-99-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3-fluorophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-02-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

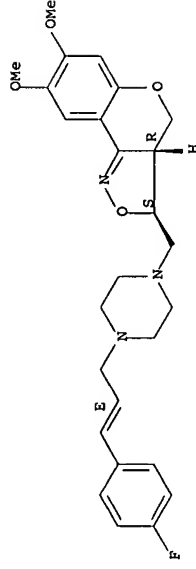
Relative stereochemistry.
Double bond geometry as shown.



<12/04/2007>

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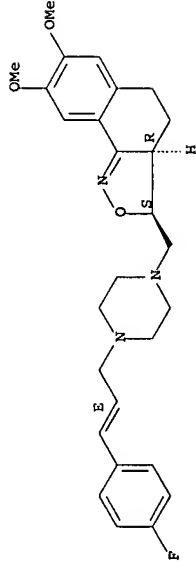
10/513699



• 2 HCl

RN 452317-04-3 CAPLUS
CN Naphth[1,2-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452317-06-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-chlorophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

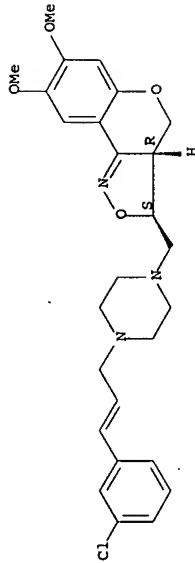
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10/513699

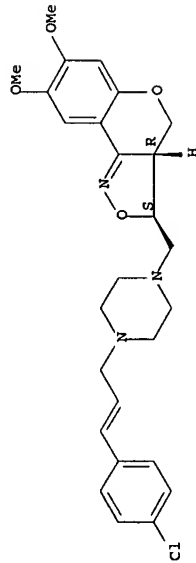
RN 452317-08-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3-chlorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-10-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-chlorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



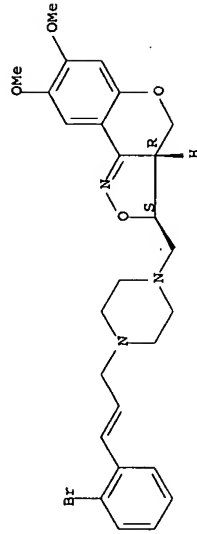
RN 452317-12-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-bromophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

<12/04/2007>

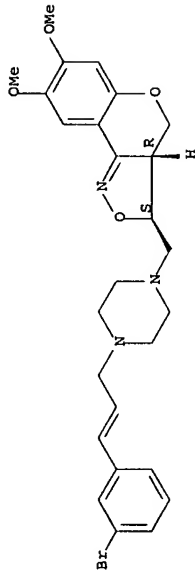
Erich Leese

10/513699



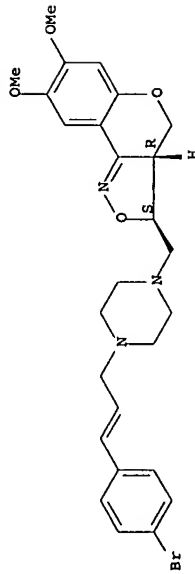
RN 452317-14-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3-bromophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-16-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-bromophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



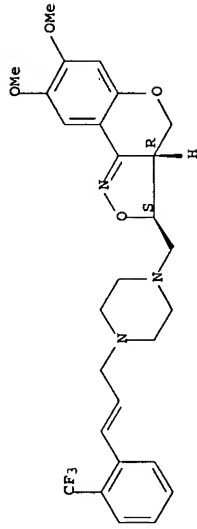
RN 452317-18-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(2-(trifluoromethyl)phenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

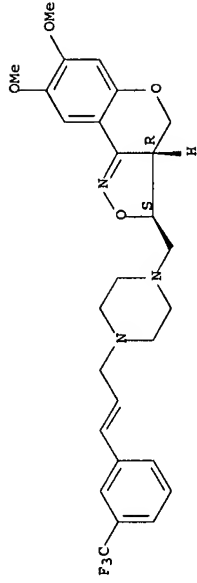
10/513699

Relative stereochemistry.
Double bond geometry unknown.



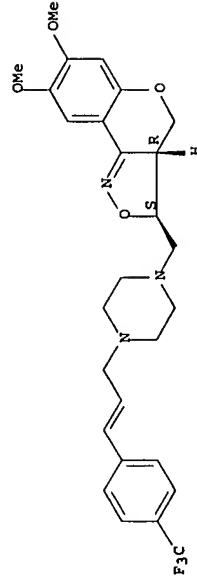
RN 452317-20-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-{3-[(trifluoromethyl)phenyl]-2-propenyl]-1-piperazinyl}methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-22-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-{4-(trifluoromethyl)phenyl]-2-propenyl]-1-piperazinyl}methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



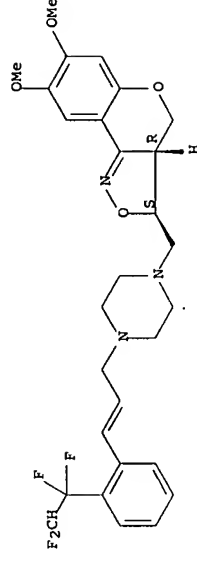
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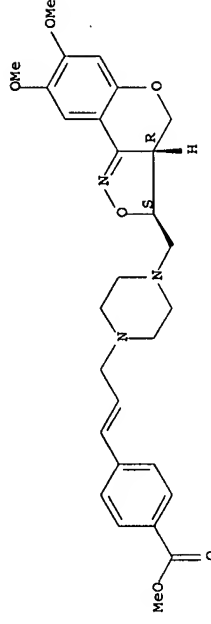
RN 452317-24-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-{3-[(1,1,2,2-tetrafluoroethyl)phenyl]-2-propenyl]-1-piperazinyl}methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-26-9 CAPLUS
CN Benzoic acid, 4-[3-{4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-propenyl]-methyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



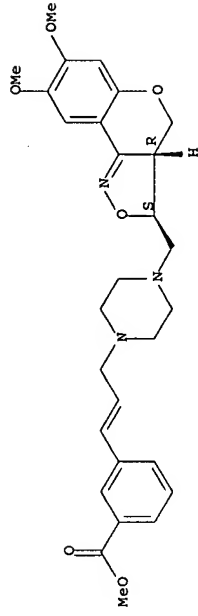
RN 452317-28-1 CAPLUS
CN Benzoic acid, 3-[3-{4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-propenyl]-methyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

<12/04/2007>

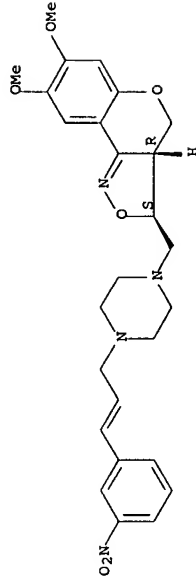
Erich Leese

10/513699



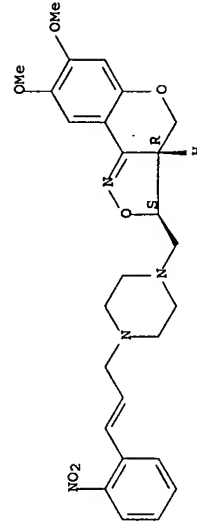
RN 452317-30-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-nitrophenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-32-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(2-nitrophenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



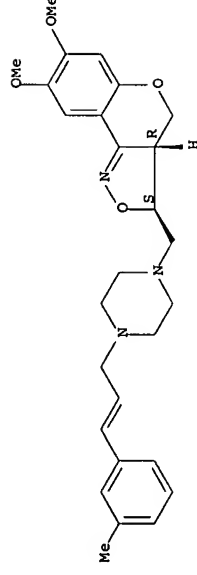
RN 452317-34-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(1-methylphenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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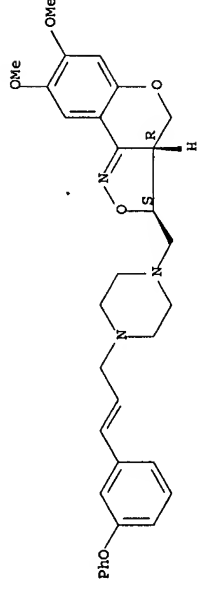
10/513699

Relative stereochemistry.
Double bond geometry unknown.



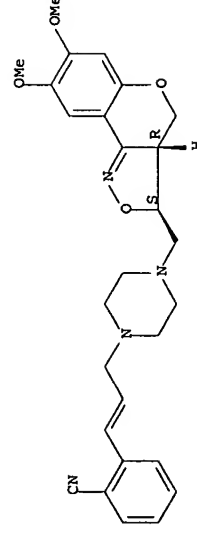
RN 452317-36-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-phenoxyphenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-38-3 CAPLUS
CN Benzonitrile, 2-[3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-propenyl]-1-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



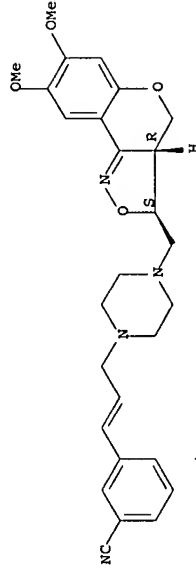
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10/513699

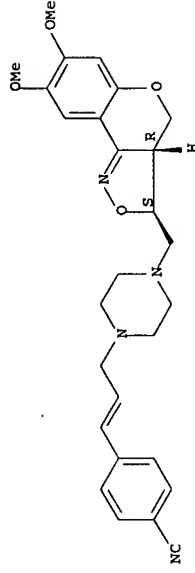
RN 452317-40-7 CAPLUS
CN Benzonitrile, 3-([3-([4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-
[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-propenyl))-,
rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-42-9 CAPLUS
CN Benzonitrile, 4-([3-([4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-
[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-propenyl))-,
rel- (9CI) (CA INDEX NAME)

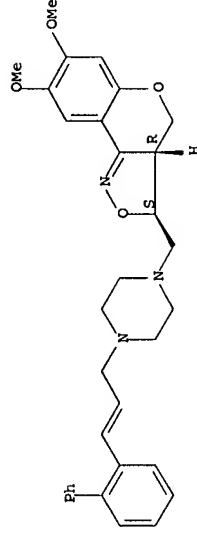
Relative stereochemistry..
Double bond geometry unknown.



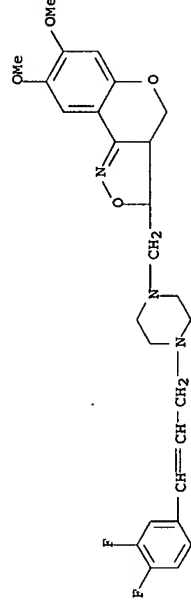
RN 452317-44-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-([4-([3-([1,1'-biphenyl]-2-yl-2-
propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-
(9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

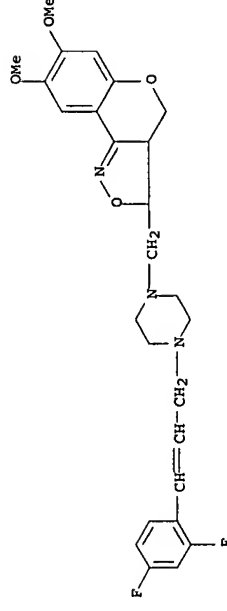
10/513699



RN 452317-46-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-([4-([3-([3,4-difluorophenyl]-2-
propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (9CI) (CA
INDEX NAME)



RN 452317-48-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-([4-([3-([2,4-difluorophenyl]-2-
propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (9CI) (CA
INDEX NAME)



RN 452317-50-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-([4-([3-([2,3-difluorophenyl]-2-
propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (9CI) (CA
INDEX NAME)

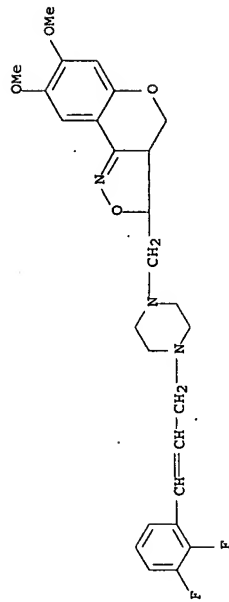
<12/04/2007>

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<12/04/2007>

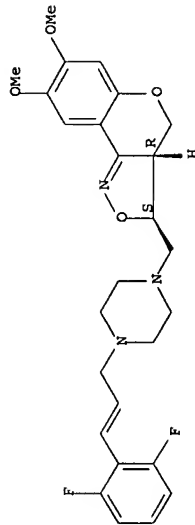
Erich Leese

10/513699



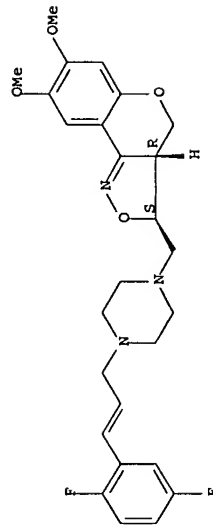
RN 452317-52-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,6-difluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-54-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,5-difluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-56-5 CAPLUS

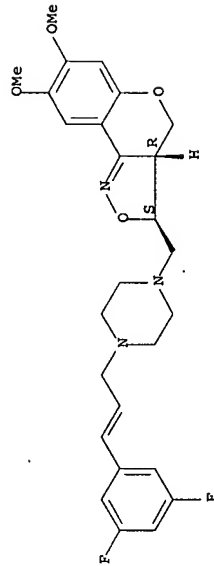
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10/513699

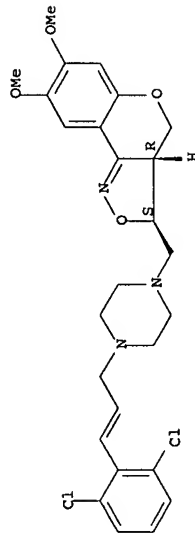
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3,5-difluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-58-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,6-dichlorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

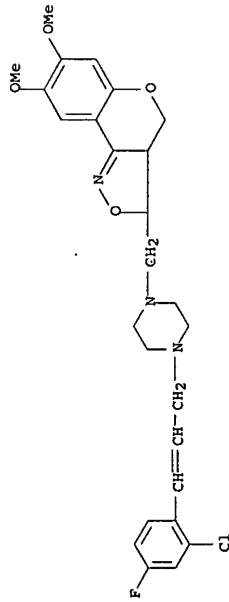


RN 452317-60-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-chloro-4-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

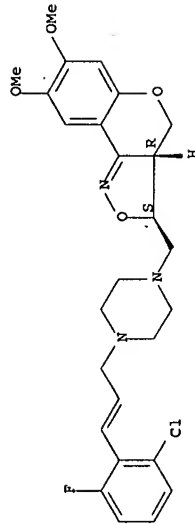
Erich Leese

10/513699



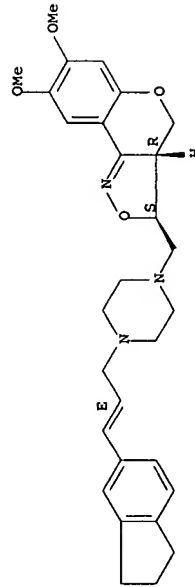
RN 452317-64-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-chloro-6-fluorophenyl)-2-propenyl]-1-piperazinylmethoxy]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-67-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,3-dihydro-1H-inden-5-yl)-2-propenyl]-1-piperazinylmethoxy]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452317-69-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,3-dihydro-1,4-benzodioxin-6-

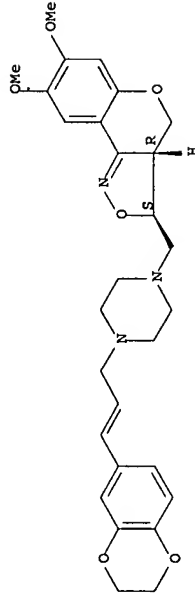
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Erich Leese

10/513699

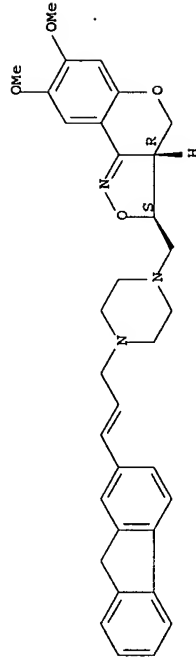
yl)-2-propenyl]-1-piperazinylmethoxy]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



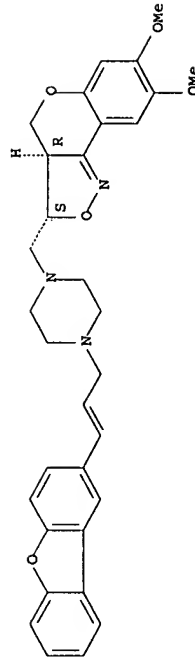
RN 452317-71-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(9H-fluoren-2-yl)-2-propenyl]-1-piperazinylmethoxy]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-73-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-dibenzofuranyl)-2-propenyl]-1-piperazinylmethoxy]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



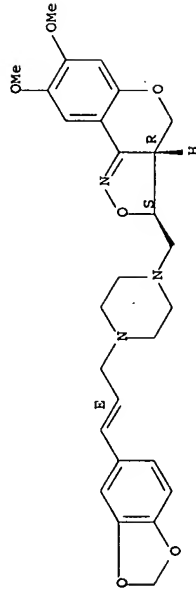
<12/04/2007>

Erich Leese

10/513699

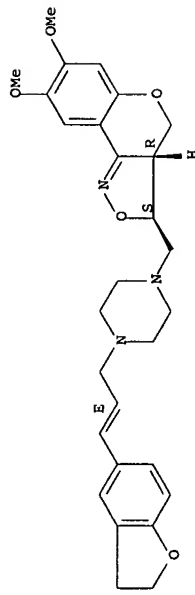
RN 452317-76-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(1,3-benzodioxol-5-yl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452317-79-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,3-dihydro-5-benzofuran-2-yl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



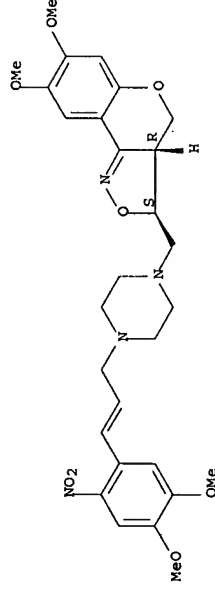
RN 452317-82-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4,5-dimethoxy-2-nitrophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

<12/04/2007>

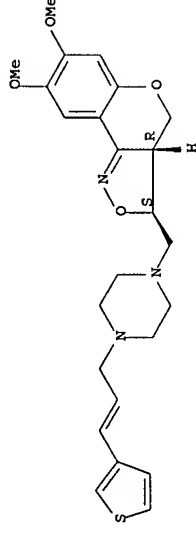
Erich Leese

10/513699



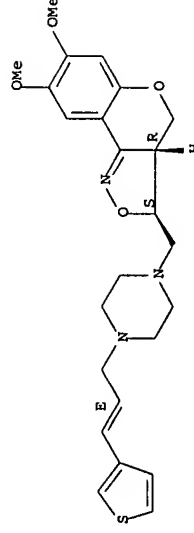
RN 452317-84-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-thienyl)-2-propenyl]-1-piperazinylmethyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-86-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-thienyl)-2-propenyl]-1-piperazinylmethyl]-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452317-89-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-thienyl)-2-propenyl]-1-piperazinylmethyl]-, (3R,3aS)-rel- (-)- (9CI)

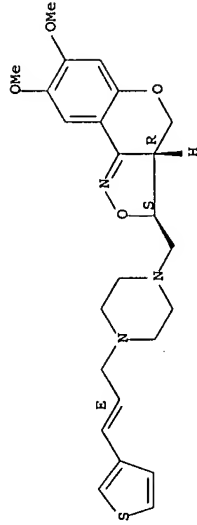
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Erich Leese

10/513699

(CA INDEX NAME)

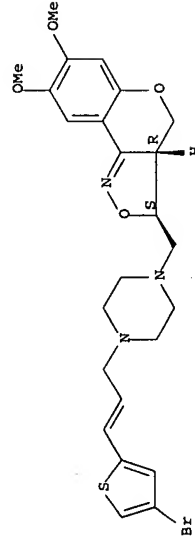
Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452317-92-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-bromo-2-thienyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

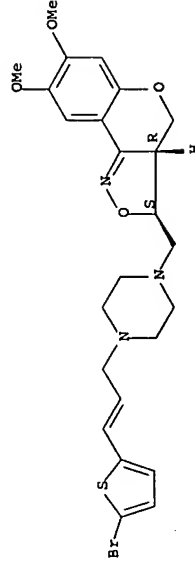
Relative stereochemistry.
Double bond geometry unknown.



RN 452317-94-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(5-bromo-2-thienyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



<12/04/2007>

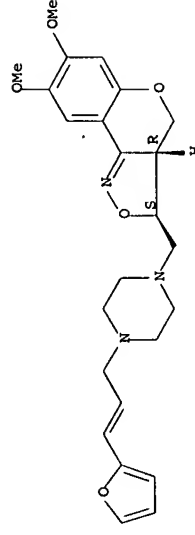
Erich Leese

10/513699

RN 452317-96-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-furanyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

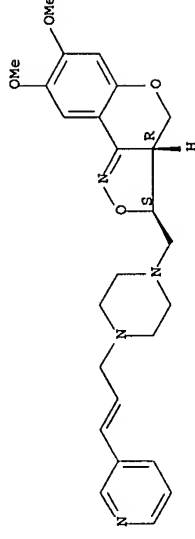
Relative stereochemistry.
Double bond geometry unknown.



RN 452317-99-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(pyridinyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

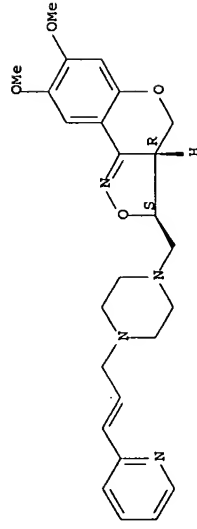


RN 452318-02-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(pyridinyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

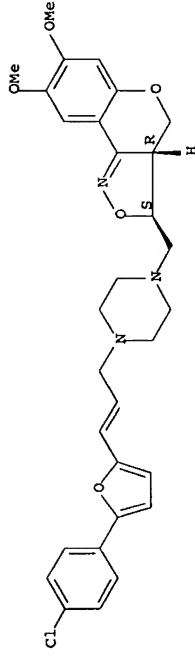
Relative stereochemistry.
Double bond geometry unknown.

10/513699



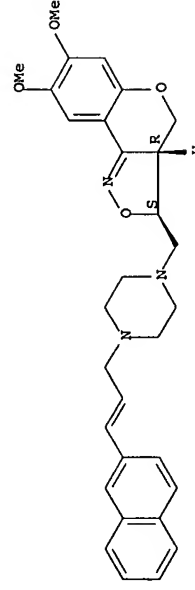
RN 452318-04-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[(4-[3-[5-(4-chlorophenyl)-2-furanyl]-2-propenyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452318-07-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[(4-[3-(2-naphthalenyl)-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



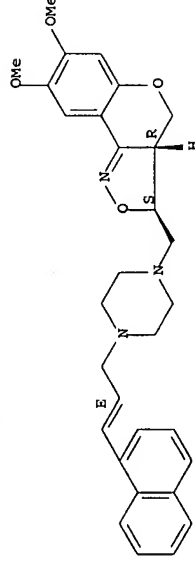
RN 452318-09-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[(4-[(2E)-3-(1-naphthalenyl)-2-propenyl]-1-piperazinyl)methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

10/513699

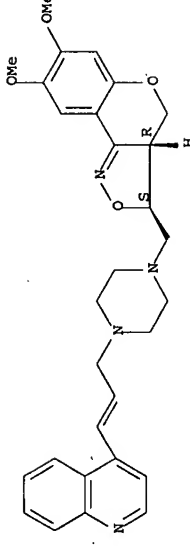
Relative stereochemistry.
Double bond geometry as shown.



● 2 HCl

RN 452318-11-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[(4-[3-(4-quinolinyl)-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



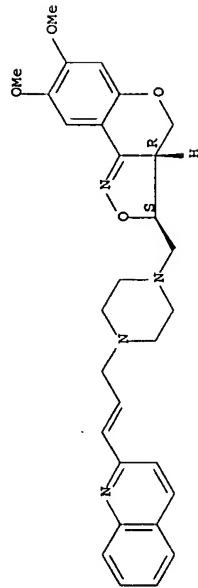
RN 452318-13-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[(4-[3-(4-quinolinyl)-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

<12/04/2007>

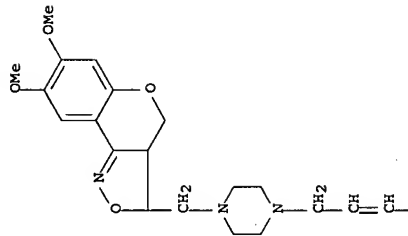
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10/513699

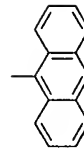


RN 452318-15-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(9-anthracenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



RN 452318-18-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-1-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)

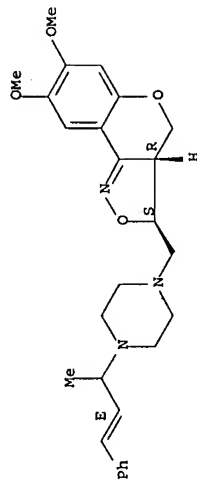
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10/513699

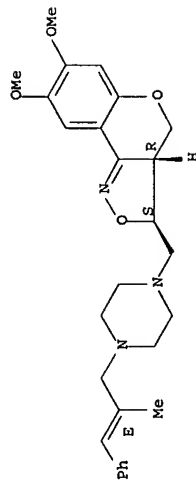
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-20-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



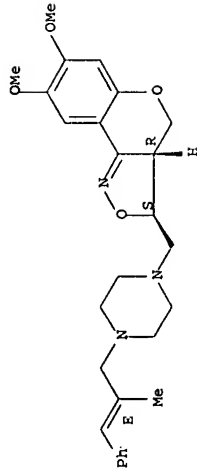
RN 452318-22-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

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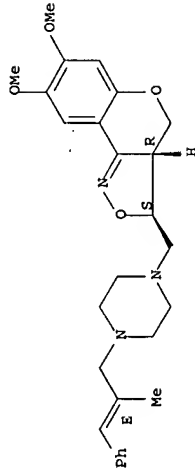
10/513699



● 2 HCl

RN 452318-24-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(-)- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452318-27-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(-)- (2E)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

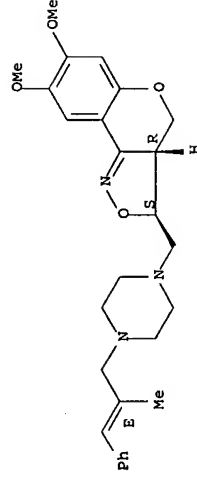
CRN 452318-26-2
CMP C27 H33 N3 O4

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

Erich Leese

10/513699



CM 2

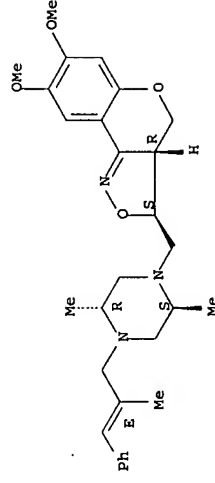
CRN 110-17-8
CMP C4 H4 O4

Double bond geometry as shown.



RN 452318-30-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[{(2R,5S)-2,5-dimethyl-4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-32-0 CAPLUS

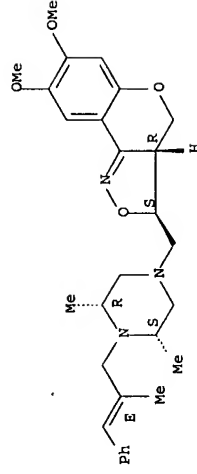
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[{(3R,5S)-3,5-dimethyl-4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

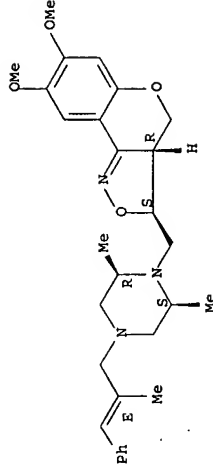
Erich Leese

10/513699



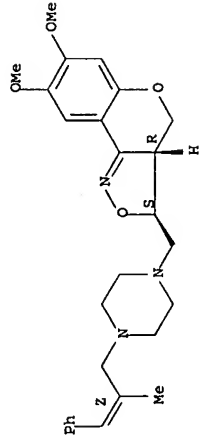
RN 452318-34-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[(2R,6S)-2,6-dimethyl-4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-36-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[(4-[(2Z)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

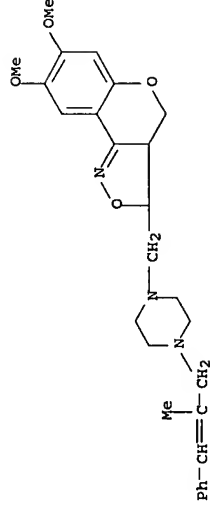


RN 452318-38-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[(4-(2-methyl-3-phenyl-2-propenyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

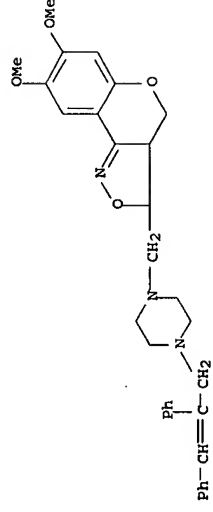
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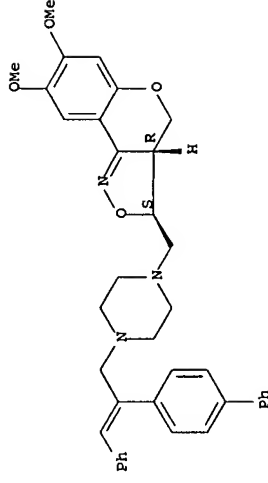


RN 452318-41-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[(4-(2,3-diphenyl-2-propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)



RN 452318-43-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[(4-(2-[1,1'-biphenyl]-4-yl-3-phenyl-2-propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



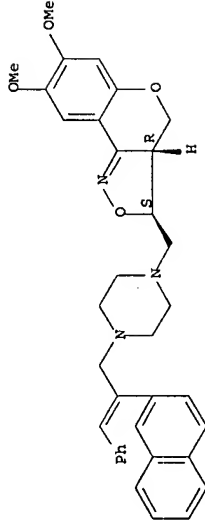
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10/513699

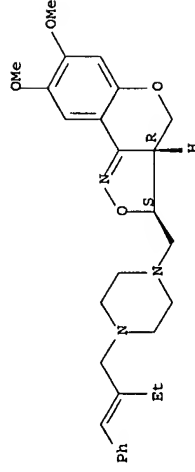
RN 452318-45-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[2-(2-naphthalenyl)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452318-47-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[2-(phenylmethylene)butyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



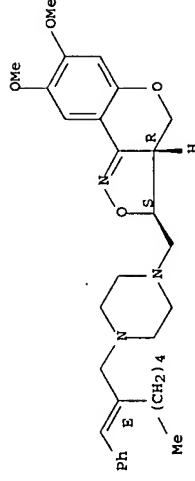
RN 452318-49-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-(phenylmethylene)heptyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

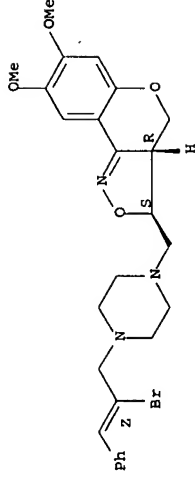
Erich Leese

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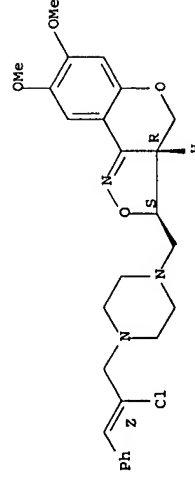
RN 452318-52-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-2-bromo-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-54-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-2-chloro-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



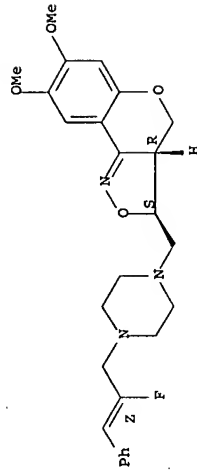
RN 452318-57-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-2-fluoro-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

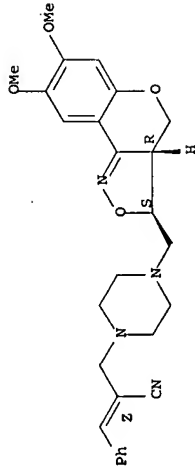
10/513699

Relative stereochemistry.
Double bond geometry as shown.



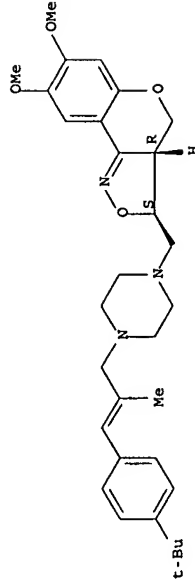
RN 452318-60-4 CAPLUS
CN 1-piperazinepropanenitrile, 4-[[4-[(3R,3aS)-1a,4-dihydro-7,8-dimethoxy-3H-[1,1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]methyl]-alpha-(phenylmethylene)-, (2Z)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-63-7 CAPLUS
CN 3H-[1,1]benzopyrano[4,3-c]isoxazole, 3-[[4-[[3-[[4-[(1,1-dimethylethyl)phenyl]-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



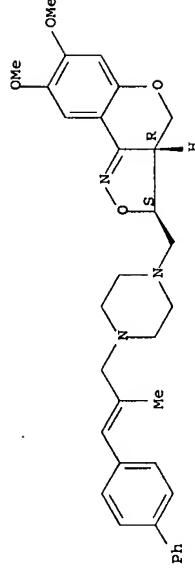
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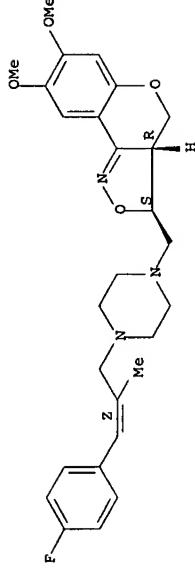
RN 452318-65-9 CAPLUS
CN 3H-[1,1]benzopyrano[4,3-c]isoxazole, 3-[[4-[(3-[1,1'-biphenyl]-4-yl-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452318-67-1 CAPLUS
CN 3H-[1,1]benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-[(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



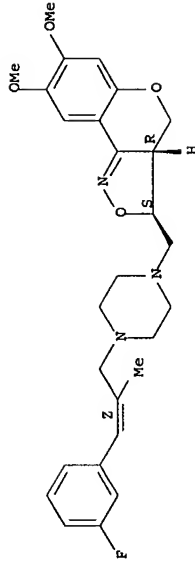
RN 452318-69-3 CAPLUS
CN 3H-[1,1]benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-[(3-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

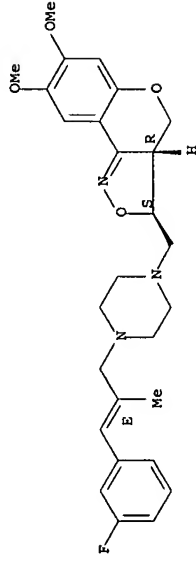
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10/513699



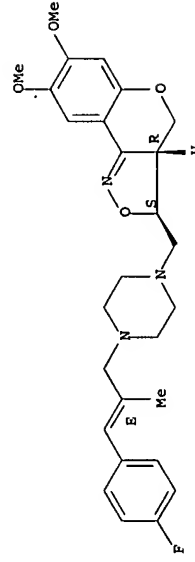
RN 452318-71-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-73-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



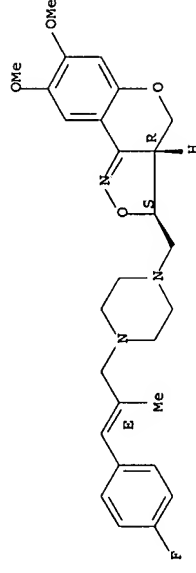
RN 452318-75-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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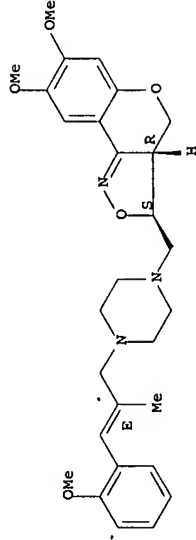
10/513699

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



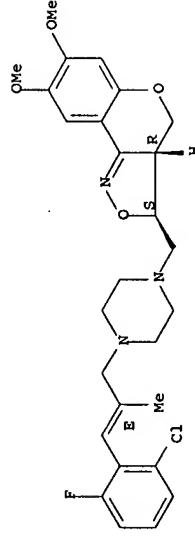
RN 452318-77-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-methoxyphenyl)-2-methyl-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-79-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-chloro-6-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



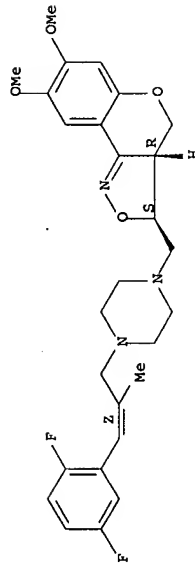
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10/513699

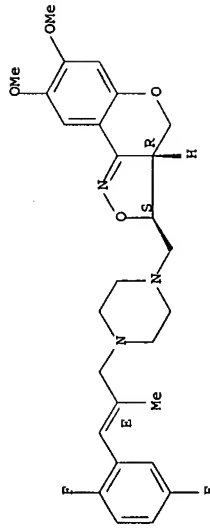
RN 452318-81-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-(2,5-difluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-83-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,5-difluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



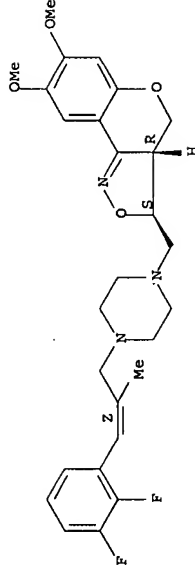
RN 452318-85-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-(2,3-difluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

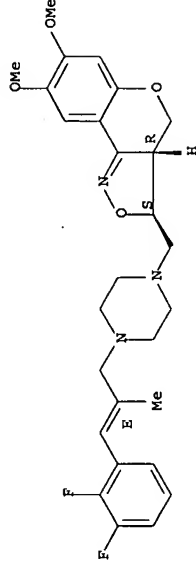
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10/513699



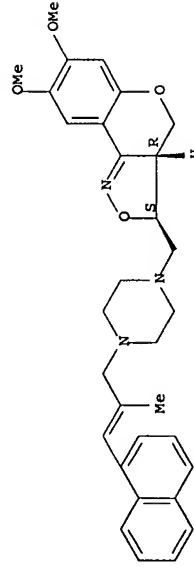
RN 452318-87-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,3-difluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-89-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-methyl-3-(1-naphthalenyl)-2-propenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



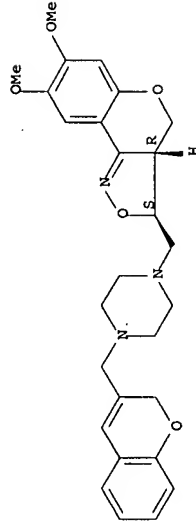
RN 452318-91-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2H-1-benzopyran-3-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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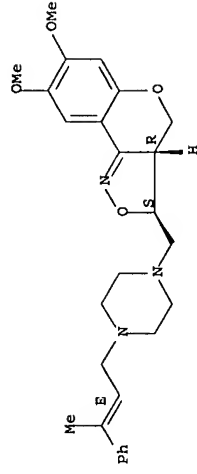
10/513699

Relative stereochemistry.



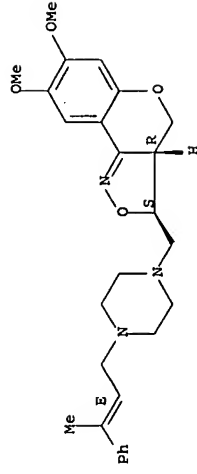
RN 452318-93-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-95-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452318-97-7 CAPLUS

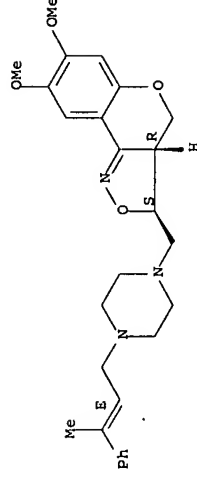
<12/04/2007>

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10/513699

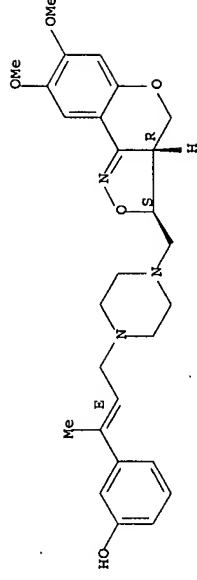
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (-)- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452318-99-9 CAPLUS
CN Phenol, 3-[[4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-methyl-1-propenyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



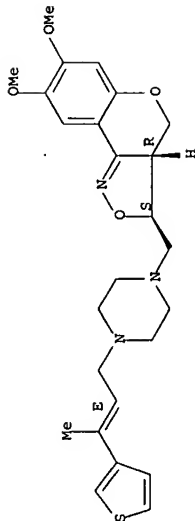
RN 452319-01-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-thienyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

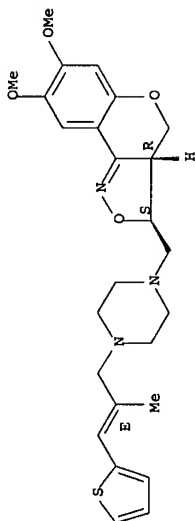
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10/513699



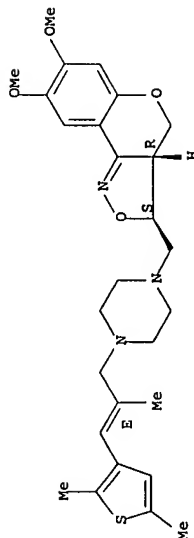
RN 452319-03-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(2-thienyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-05-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,5-dimethyl-3-thienyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



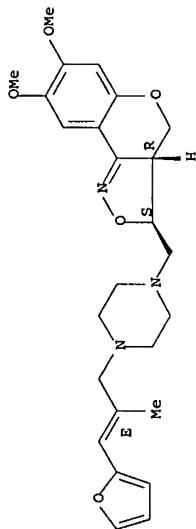
RN 452319-07-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-furanyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-(9CI) (CA INDEX NAME)

<12/04/2007>

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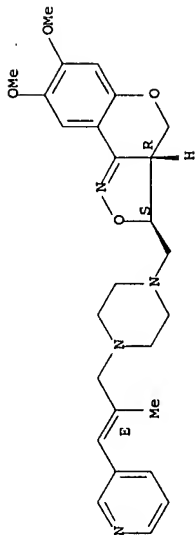
10/513699

Relative stereochemistry.
Double bond geometry as shown.



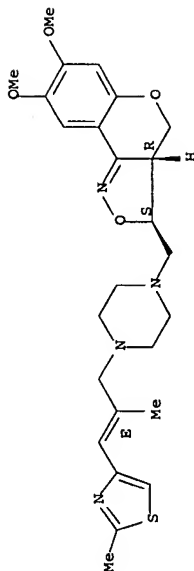
RN 452319-09-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(3-pyridinyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-11-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(2-methyl-4-thiazolyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



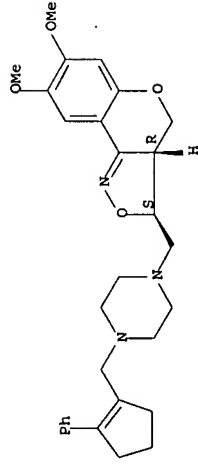
<12/04/2007>

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10/513699

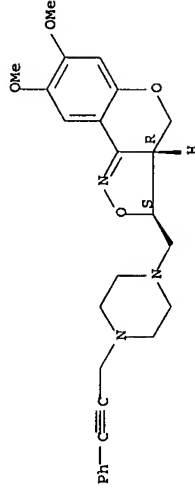
RN 452319-13-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2-phenyl-1-cyclopenten-1-yl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452319-15-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenyl-2-propynyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

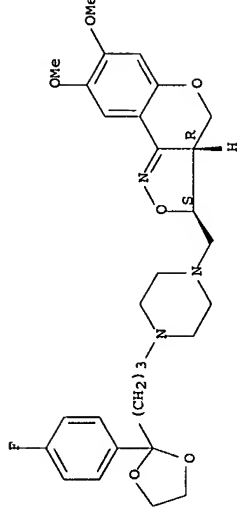
Relative stereochemistry.



RN 452319-17-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-[2-(4-fluorophenyl)-1,3-dioxolan-2-yl]propyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

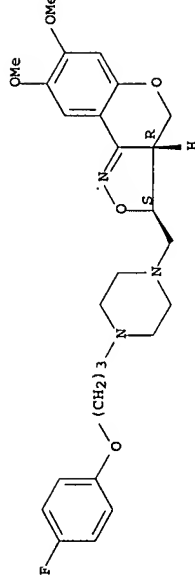
Relative stereochemistry.

10/513699



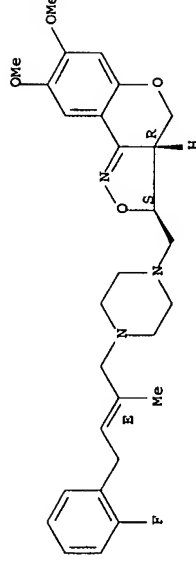
RN 452319-20-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-fluorophenoxy)propyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452319-22-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-4-(2-fluorophenyl)-2-methyl-2-butenyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-24-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E,4E)-5-phenyl-2,4-pentadienyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

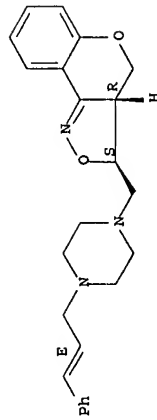
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(9CI) (CA INDEX NAME)

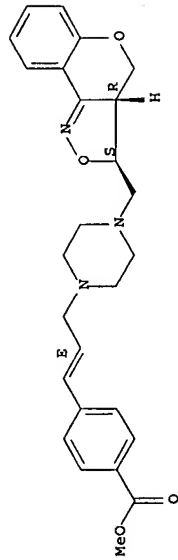
RN	452319-25-4	CAPLUS
CN	3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl methyl]-, (3R,3aS)-rel- (9CI)	(CA INDEX NAME)

Double bond geometry as shown.



452319-27-6	CAPLUS
Benzoic acid, 4-[[[(1E)-3-[4-[[[(3R,3aS)-3a,4-dihydro-3H-[1]benzopyrano[4,3-b]isoxazol-4-yl)methyl]-1-piperazinyl]-1-propenyl]-, methyl ester, (9CI) (CA INDEX NAME)	

relative stereochemistry.
Double bond geometry as shown.



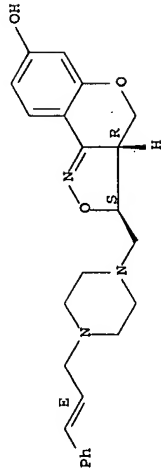
RN 452319-29-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-clisoxazole, 7-fluoro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)

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(CA INDEX NAME)

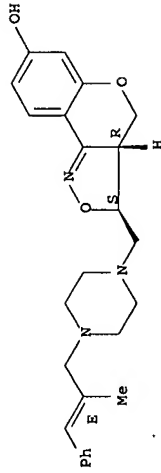
RN 452319-31-2 CAPIUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN	452319-33-4	CAPLUS
CN	3H-[1-Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)	

Double bond geometry as shown.

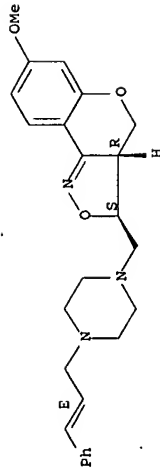


452319-35-6	CAPLUS
3H-[1]benzopyrano[4,3-c]isoxazole, 3a, 4-dihydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)	

Relative stereochemistry.

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Double bond geometry as shown.



3H-[1]Benzopyrano[4,3-c]isoxazole, 3a, 4-dihydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel-(+)- (9CI) (CA INDEX NAME)

COC1=CC=C2C(=C1)OC(C2)C(=O)N3C(=O)C(C3)C(=O)N4C(=O)C(C4)C(=O)N5C(=O)C(C5)C(=O)N6C(=O)C(C6)C(=O)N7C(=O)C(C7)C(=O)N8C(=O)C(C8)C(=O)N9C(=O)C(C9)C(=O)N10C(=O)C(C10)C(=O)N11C(=O)C(C11)C(=O)N12C(=O)C(C12)C(=O)N13C(=O)C(C13)C(=O)N14C(=O)C(C14)C(=O)N15C(=O)C(C15)C(=O)N16C(=O)C(C16)C(=O)N17C(=O)C(C17)C(=O)N18C(=O)C(C18)C(=O)N19C(=O)C(C19)C(=O)N20C(=O)C(C20)C(=O)N21C(=O)C(C21)C(=O)N22C(=O)C(C22)C(=O)N23C(=O)C(C23)C(=O)N24C(=O)C(C24)C(=O)N25C(=O)C(C25)C(=O)N26C(=O)C(C26)C(=O)N27C(=O)C(C27)C(=O)N28C(=O)C(C28)C(=O)N29C(=O)C(C29)C(=O)N30C(=O)C(C30)C(=O)N31C(=O)C(C31)C(=O)N32C(=O)C(C32)C(=O)N33C(=O)C(C33)C(=O)N34C(=O)C(C34)C(=O)N35C(=O)C(C35)C(=O)N36C(=O)C(C36)C(=O)N37C(=O)C(C37)C(=O)N38C(=O)C(C38)C(=O)N39C(=O)C(C39)C(=O)N40C(=O)C(C40)C(=O)N41C(=O)C(C41)C(=O)N42C(=O)C(C42)C(=O)N43C(=O)C(C43)C(=O)N44C(=O)C(C44)C(=O)N45C(=O)C(C45)C(=O)N46C(=O)C(C46)C(=O)N47C(=O)C(C47)C(=O)N48C(=O)C(C48)C(=O)N49C(=O)C(C49)C(=O)N50C(=O)C(C50)C(=O)N51C(=O)C(C51)C(=O)N52C(=O)C(C52)C(=O)N53C(=O)C(C53)C(=O)N54C(=O)C(C54)C(=O)N55C(=O)C(C55)C(=O)N56C(=O)C(C56)C(=O)N57C(=O)C(C57)C(=O)N58C(=O)C(C58)C(=O)N59C(=O)C(C59)C(=O)N60C(=O)C(C60)C(=O)N61C(=O)C(C61)C(=O)N62C(=O)C(C62)C(=O)N63C(=O)C(C63)C(=O)N64C(=O)C(C64)C(=O)N65C(=O)C(C65)C(=O)N66C(=O)C(C66)C(=O)N67C(=O)C(C67)C(=O)N68C(=O)C(C68)C(=O)N69C(=O)C(C69)C(=O)N70C(=O)C(C70)C(=O)N71C(=O)C(C71)C(=O)N72C(=O)C(C72)C(=O)N73C(=O)C(C73)C(=O)N74C(=O)C(C74)C(=O)N75C(=O)C(C75)C(=O)N76C(=O)C(C76)C(=O)N77C(=O)C(C77)C(=O)N78C(=O)C(C78)C(=O)N79C(=O)C(C79)C(=O)N80C(=O)C(C80)C(=O)N81C(=O)C(C81)C(=O)N82C(=O)C(C82)C(=O)N83C(=O)C(C83)C(=O)N84C(=O)C(C84)C(=O)N85C(=O)C(C85)C(=O)N86C(=O)C(C86)C(=O)N87C(=O)C(C87)C(=O)N88C(=O)C(C88)C(=O)N89C(=O)C(C89)C(=O)N90C(=O)C(C90)C(=O)N91C(=O)C(C91)C(=O)N92C(=O)C(C92)C(=O)N93C(=O)C(C93)C(=O)N94C(=O)C(C94)C(=O)N95C(=O)C(C95)C(=O)N96C(=O)C(C96)C(=O)N97C(=O)C(C97)C(=O)N98C(=O)C(C98)C(=O)N99C(=O)C(C99)C(=O)N100C(=O)C(C100)C(=O)N101C(=O)C(C101)C(=O)N102C(=O)C(C102)C(=O)N103C(=O)C(C103)C(=O)N104C(=O)C(C104)C(=O)N105C(=O)C(C105)C(=O)N106C(=O)C(C106)C(=O)N107C(=O)C(C107)C(=O)N108C(=O)C(C108)C(=O)N109C(=O)C(C109)C(=O)N110C(=O)C(C110)C(=O)N111C(=O)C(C111)C(=O)N112C(=O)C(C112)C(=O)N113C(=O)C(C113)C(=O)N114C(=O)C(C114)C(=O)N115C(=O)C(C115)C(=O)N116C(=O)C(C116)C(=O)N117C(=O)C(C117)C(=O)N118C(=O)C(C118)C(=O)N119C(=O)C(C119)C(=O)N120C(=O)C(C120)C(=O)N121C(=O)C(C121)C(=O)N122C(=O)C(C122)C(=O)N123C(=O)C(C123)C(=O)N124C(=O)C(C124)C(=O)N125C(=O)C(C125)C(=O)N126C(=O)C(C126)C(=O)N127C(=O)C(C127)C(=O)N128C(=O)C(C128)C(=O)N129C(=O)C(C129)C(=O)N130C(=O)C(C130)C(=O)N131C(=O)C(C131)C(=O)N132C(=O)C(C132)C(=O)N133C(=O)C(C133)C(=O)N134C(=O)C(C134)C(=O)N135C(=O)C(C135)C(=O)N136C(=O)C(C136)C(=O)N137C(=O)C(C137)C(=O)N138C(=O)C(C138)C(=O)N139C(=O)C(C139)C(=O)N140C(=O)C(C140)C(=O)N141C(=O)C(C141)C(=O)N142C(=O)C(C142)C(=O)N143C(=O)C(C143)C(=O)N144C(=O)C(C144)C(=O)N145C(=O)C(C145)C(=O)N146C(=O)C(C146)C(=O)N147C(=O)C(C147)C(=O)N148C(=O)C(C148)C(=O)N149C(=O)C(C149)C(=O)N150C(=O)C(C150)C(=O)N151C(=O)C(C151)C(=O)N152C(=O)C(C152)C(=O)N153C(=O)C(C153)C(=O)N154C(=O)C(C154)C(=O)N155C(=O)C(C155)C(=O)N156C(=O)C(C156)C(=O)N157C(=O)C(C157)C(=O)N158C(=O)C(C158)C(=O)N159C(=O)C(C159)C(=O)N160C(=O)C(C160)C(=O)N161C(=O)C(C161)C(=O)N162C(=O)C(C162)C(=O)N163C(=O)C(C163)C(=O)N164C(=O)C(C164)C(=O)N165C(=O)C(C165)C(=O)N166C(=O)C(C166)C(=O)N167C(=O)C(C167)C(=O)N168C(=O)C(C168)C(=O)N169C(=O)C(C169)C(=O)N170C(=O)C(C170)C(=O)N171C(=O)C(C171)C(=O)N172C(=O)C(C172)C(=O)N173C(=O)C(C173)C(=O)N174C(=O)C(C174)C(=O)N175C(=O)C(C175)C(=O)N176C(=O)C(C176)C(=O)N177C(=O)C(C177)C(=O)N178C(=O)C(C178)C(=O)N179C(=O)C(C179)C(=O)N180C(=O)C(C180)C(=O)N181C(=O)C(C181)C(=O)N182C(=O)C(C182)C(=O)N183C(=O)C(C183)C(=O)N184C(=O)C(C184)C(=O)N185C(=O)C(C185)C(=O)N186C(=O)C(C186)C(=O)N187C(=O)C(C187)C(=O)N188C(=O)C(C188)C(=O)N189C(=O)C(C189)C(=O)N190C(=O)C(C190)C(=O)N191C(=O)C(C191)C(=O)N192C(=O)C(C192)C(=O)N193C(=O)C(C193)C(=O)N194C(=O)C(C194)C(=O)N195C(=O)C(C195)C(=O)N196C(=O)C(C196)C(=O)N197C(=O)C(C197)C(=O)N198C(=O)C(C198)C(=O)N199C(=O)C(C199)C(=O)N200C(=O)C(C200)C(=O)N201C(=O)C(C201)C(=O)N202C(=O)C(C202)C(=O)N203C(=O)C(C203)C(=O)N204C(=O)C(C204)C(=O)N205C(=O)C(C205)C(=O)N206C(=O)C(C206)C(=O)N207C(=O)C(C207)C(=O)N208C(=O)C(C208)C(=O)N209C(=O)C(C209)C(=O)N210C(=O)C(C210)C(=O)N211C(=O)C(C211)C(=O)N212C(=O)C(C212)C(=O)N213C(=O)C(C213)C(=O)N214C(=O)C(C214)C(=O)N215C(=O)C(C215)C(=O)N216C(=O)C(C216)C(=O)

452319-39-0 CAPLUS
3H-[1]benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[(4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl)methyl]-, dihydrochloride,
(3R,3aS)-rel-(-)- (9CI) (CA INDEX NAME).

COC1=CC=C2C(=C1)OC(C2)C(=N1OCCN1CC/C=C/C3=CC=CC=C3)C4=CC=CC=C4

<12/04/2007>

Erich Leese

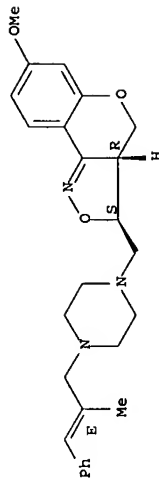
<12/04/2007>

Erich Leese

RN 452319-41-4 CAPLUS

452319-41-4 CAPLUS
3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



IT	452319-43-6P	453219-45-8P	452319-47-0P	452319-49-2P	453219-51-6P	452319-53-8P	452319-55-0P	453219-57-2P	452319-59-4P	452319-61-8P	453219-63-0P	452319-65-2P	452319-67-4P	453219-69-6P	452319-71-0P	452319-73-2P	453219-75-4P	452319-77-6P	452319-79-8P	453219-81-2P	452319-83-4P	453219-85-6P	452319-87-8P	452319-89-0P	453219-91-4P	452319-93-6P	452319-95-8P	453219-97-0P	452319-99-2P	452320-01-4P	453220-03-5P	452320-05-8P	452320-07-9P	453220-09-1P	452320-11-5P	452320-13-7P	453220-15-9P	452320-17-1P	452320-19-3P	453220-21-7P	452320-23-9P	452320-25-1P	453220-27-3P	452320-29-5P	452320-31-9P	453220-34-2P	452320-36-4P	452320-38-6P	453220-40-0P	452320-42-2P	452320-44-4P	453220-46-6P	452320-48-8P	452320-50-2P	453220-52-4P	452320-54-6P	452320-56-8P	453220-58-0P	452320-60-4P	452320-62-6P	453220-64-8P	452320-66-0P	452320-68-2P	453220-70-6P	452320-72-8P	452320-74-0P	453220-76-2P	452320-78-4P	452320-80-8P	453220-82-0P	452320-84-2P	452320-86-4P	453220-88-6P	452320-90-6P	452320-92-2P	453220-94-4P	452320-96-6P	452320-98-8P	453221-00-5P	452321-02-7P	452321-04-9P	453221-06-1P	452321-08-3P	452321-10-5P	453221-12-7P	452321-14-9P	452321-16-1P	453221-18-3P	452321-20-5P	452321-22-7P	453221-24-9P	452321-26-6P	452321-28-8P	453221-30-0P	452321-32-2P	452321-34-4P	453221-36-6P	452321-38-8P	452321-40-0P	453221-42-2P	452321-44-4P	453221-46-6P	452321-48-8P	452321-50-0P	453221-52-2P	452321-54-4P	452321-56-6P	453221-58-8P	452321-60-0P	453221-62-2P	452321-64-4P	452321-66-6P	453221-68-8P	452321-70-0P	453221-72-2P	452321-74-4P	452321-76-6P	453221-78-8P	452321-80-0P	453221-82-2P	452321-84-4P	452321-86-6P	453221-88-8P	452321-90-0P	453221-92-2P	452321-94-4P	452321-96-6P	453221-98-8P	452322-00-0P	453222-02-2P	452322-04-4P	452322-06-6P	453222-08-8P	452322-10-0P	453222-12-2P	452322-14-4P	452322-16-6P	453222-18-8P	452322-20-0P	453222-22-2P	452322-24-4P	452322-26-6P	453222-28-8P	452322-30-0P	453222-32-2P	452322-34-4P	452322-36-6P	453222-38-8P	452322-40-0P	453222-42-2P	452322-44-4P	453222-46-6P	452322-48-8P	452322-50-0P	453222-52-2P	452322-54-4P	452322-56-6P	453222-58-8P	452322-60-0P	453222-62-2P	452322-64-4P	452322-66-6P	453222-68-8P	452322-70-0P	453222-72-2P	452322-74-4P	452322-76-6P	453222-78-8P	452322-80-0P	453222-82-2P	452322-84-4P	452322-86-6P	453222-88-8P	452322-90-0P	453222-92-2P	452322-94-4P	452322-96-6P	453222-98-8P	452323-00-0P	453223-02-2P	452323-04-4P	452323-06-6P	453223-08-8P	452323-10-0P	453223-12-2P	452323-14-4P	452323-16-6P	453223-18-8P	452323-20-0P	453223-22-2P	452323-24-4P	452323-26-6P	453223-28-8P	452323-30-0P	453223-32-2P	452323-34-4P	452323-36-6P	453223-38-8P	452323-40-0P	453223-42-2P	452323-44-4P	453223-46-6P	452323-48-8P	452323-50-0P	453223-52-2P	452323-54-4P	452323-56-6P	453223-58-8P	452323-60-0P	453223-62-2P	452323-64-4P	452323-66-6P	453223-68-8P	452323-70-0P	453223-72-2P	452323-74-4P	452323-76-6P	453223-78-8P	452323-80-0P	453223-82-2P	452323-84-4P	452323-86-6P	453223-88-8P	452323-90-0P	453223-92-2P	452323-94-4P	452323-96-6P	453223-98-8P	452324-00-0P	453224-02-2P	452324-04-4P	452324-06-6P	453224-08-8P	452324-10-0P	453224-12-2P	452324-14-4P	452324-16-6P	453224-18-8P	452324-20-0P	453224-22-2P	4523
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URL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

10/513699

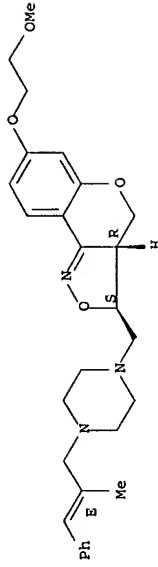
(target compound; preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)

RN 452319-43-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methoxy]-3-[[4-[(2E)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

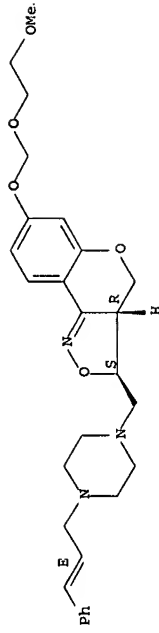


RN 452319-45-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methoxy]-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

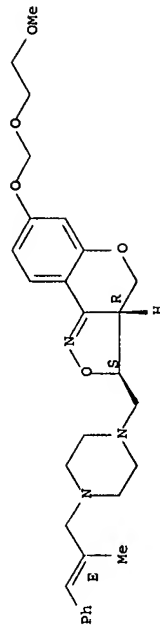


RN 452319-47-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methoxy]-3-[[4-[(2E)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



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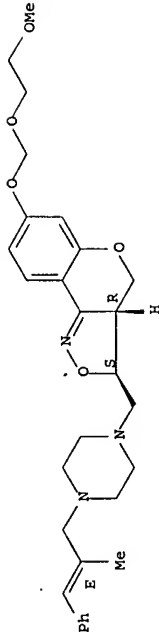
10/513699

RN 452319-49-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methoxy]-3-[[4-[(2E)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



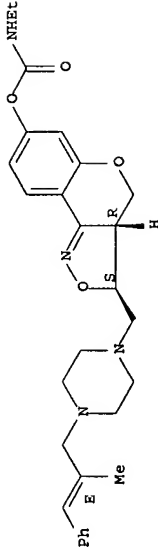
● 2 HCl

RN 452319-51-6 CAPLUS

CN Carbamic acid, ethyl-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-clisoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



RN 452319-53-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-clisoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-propenyl]-1-piperazinyl]methyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

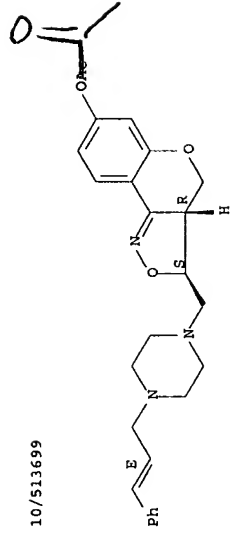
Relative stereochemistry.

Double bond geometry as shown.

<12/04/2007>

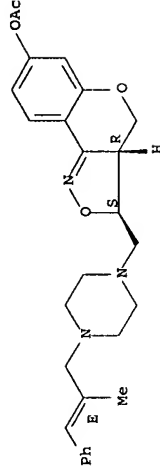
Erich Leese

10/513699



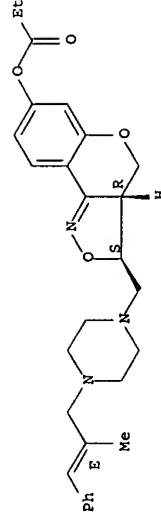
RN 452319-55-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-57-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, propanoate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



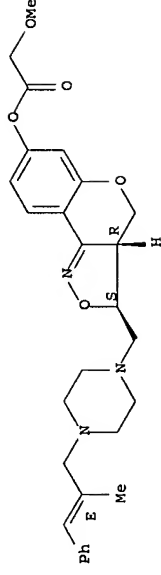
RN 452319-59-4 CAPLUS
CN Acetic acid, methoxy-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

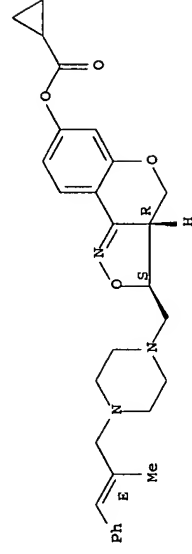
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10/513699



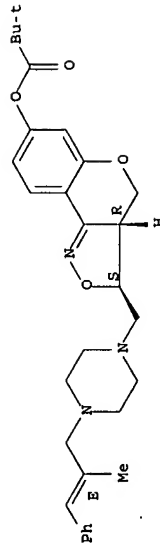
RN 452319-61-8 CAPLUS
CN Cyclopropanecarboxylic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-63-0 CAPLUS
CN Propanoic acid, 2,2-dimethyl-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



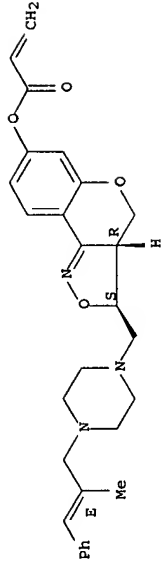
RN 452319-65-2 CAPLUS
CN 2-Propenoic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

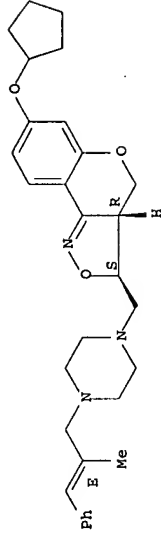
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10/513699



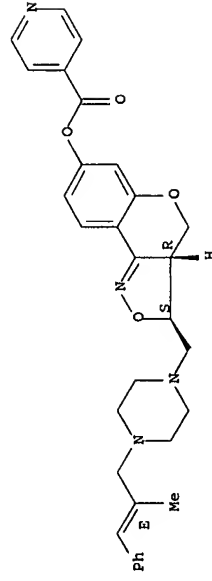
RN 452319-67-4 CAPLUS
CN 4-Pyridinecarboxylic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-69-6 CAPLUS
CN 4-Pyridinecarboxylic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



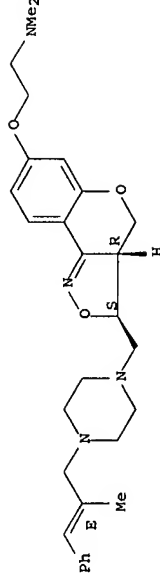
RN 452319-71-0 CAPLUS
CN Ethanamine, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]oxy]-N,N-dimethyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

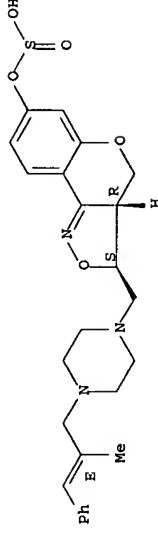
Erich Leese

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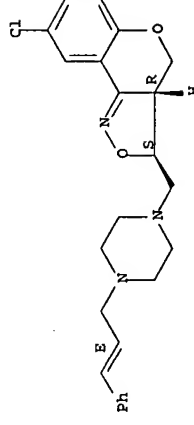
RN 452319-73-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopentyl-oxo)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, hydrogen sulfite (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-75-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-chloro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



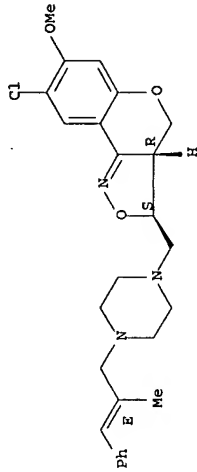
RN 452319-77-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-chloro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

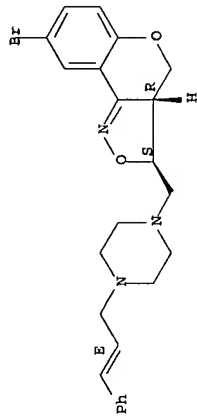
Erich Leese

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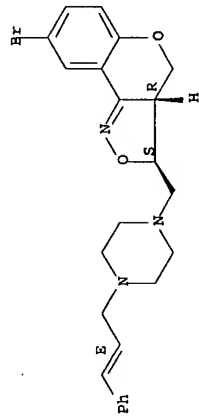
RN 452319-78-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-bromo-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-80-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-bromo-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452319-81-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-bromo-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (-)- (9CI) (CA INDEX NAME)

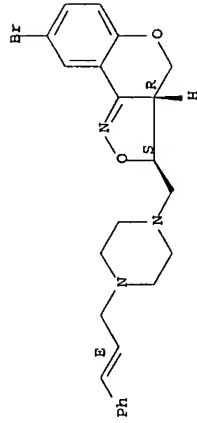
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10/513699

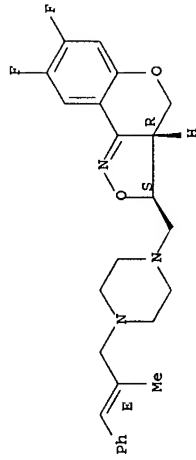
INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



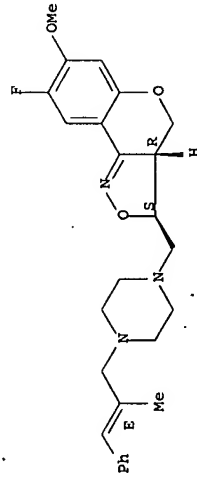
RN 452319-83-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7,8-difluoro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-85-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-fluoro-3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



<12/04/2007>

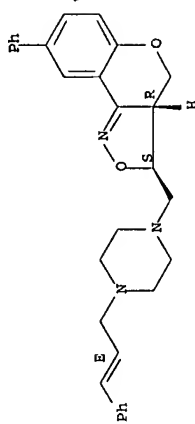
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10/513699

RN 452319-87-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-phenyl-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



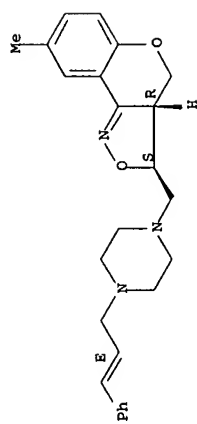
Compound 216
Column 101

RN 452319-89-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methyl-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



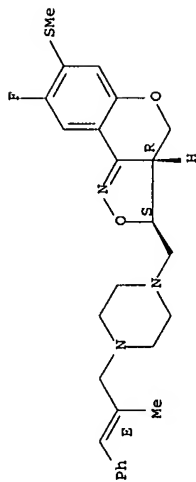
RN 452319-91-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-fluoro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-7-(methylthio)-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

10/513699

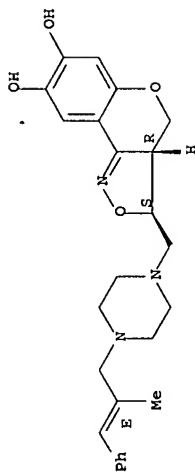


RN 452319-93-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7,8-diol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



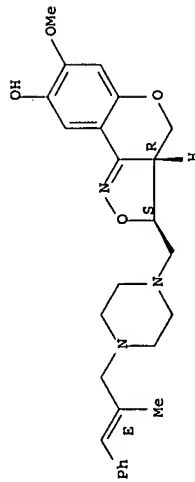
● 2 HCl

RN 452319-95-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-8-ol, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



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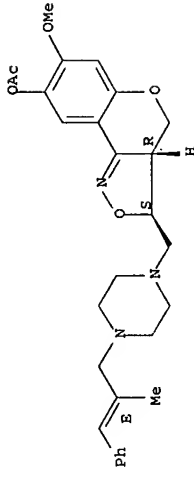
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10/513699

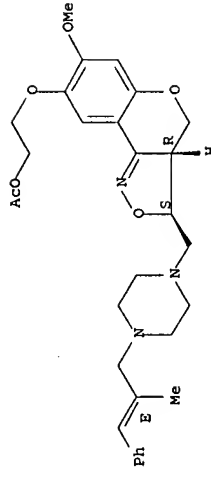
RN 452319-97-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-8-ol, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-99-2 CAPLUS
CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-8-ylloxy]-, acetate (ester), rel- (9CI) (CA INDEX NAME)

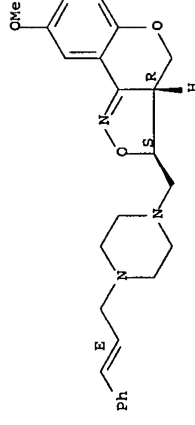
Relative stereochemistry.
Double bond geometry as shown.



RN 452320-01-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

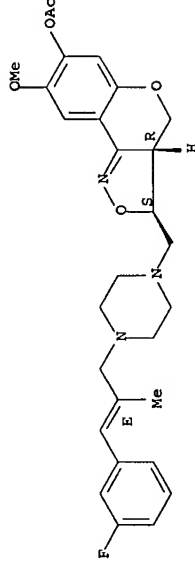
Relative stereochemistry.
Double bond geometry as shown.

10/513699



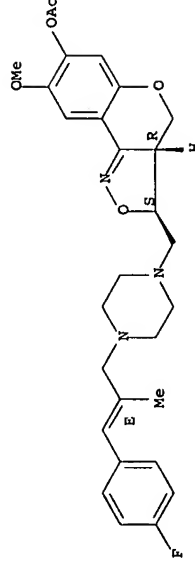
RN 452320-03-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-06-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-07-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

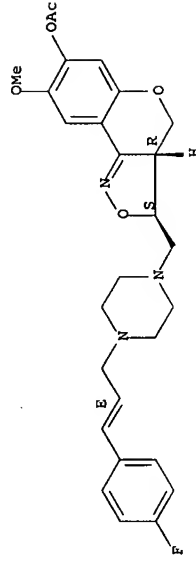
Erich Leese

<12/04/2007>

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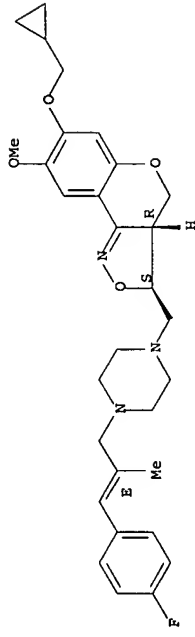
10/513699

Relative stereochemistry.
Double bond geometry as shown.



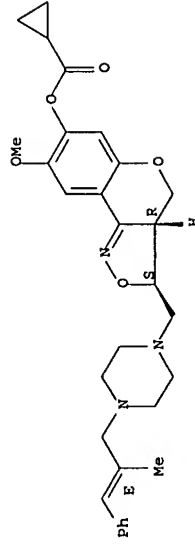
RN 452320-09-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopropylmethoxy)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-11-5 CAPLUS
CN Cyclopropanecarboxylic acid, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



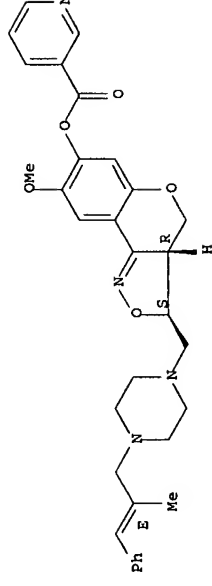
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10/513699

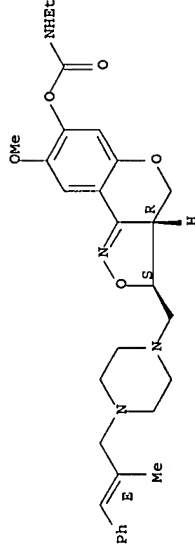
RN 452320-13-7 CAPLUS
CN 3-Pyridinecarboxylic acid, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-15-9 CAPLUS
CN Carbanic acid, ethyl-, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



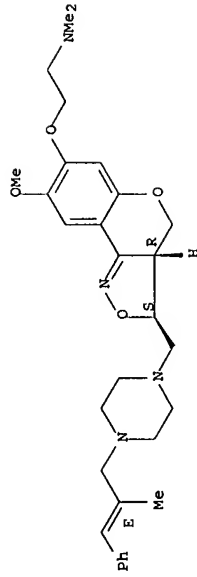
RN 452320-17-1 CAPLUS
CN Ethanamine, 2-[[[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]oxy]-N,N-dimethyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

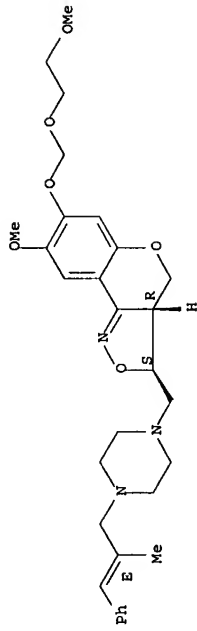
Erich Leese

10/513699



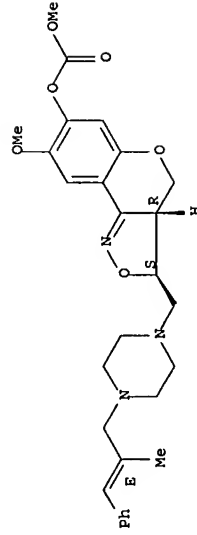
RN 452320-19-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-7-((2-methoxyethoxy)methyl)-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-21-7 CAPLUS
CN Carbonic acid, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl methyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



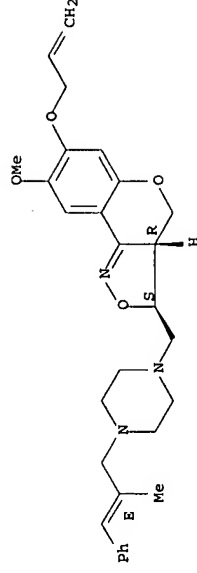
RN 452320-23-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-7-(2-propenyloxy)-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

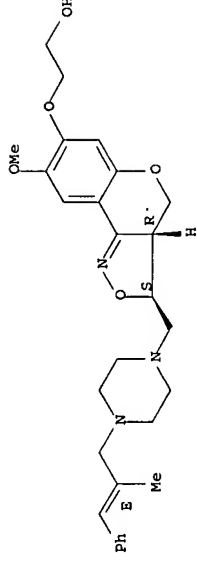
10/513699

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-25-1 CAPLUS
CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-ylloxy]-, dihydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



● 2 HCl

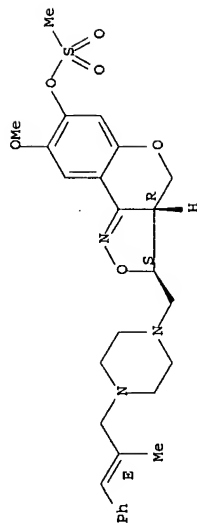
RN 452320-27-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, methanesulfonate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

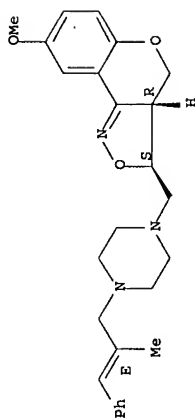
Erich Leese

10/513699



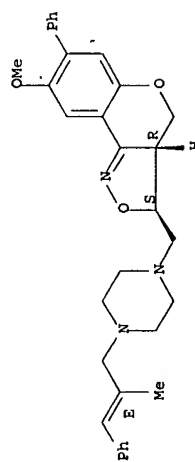
RN 452320-29-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-31-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-7-phenyl-, (3R,3aS)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-34-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-7-(methylthio)-, (3R,3aS)-rel-, mono(trifluoroacetate) (9CI)
(CA INDEX NAME)

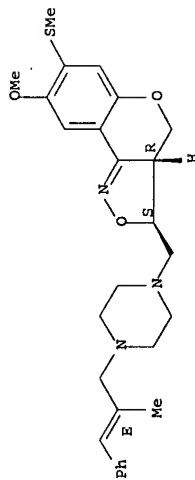
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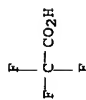
10/513699

CM 1
CRN 452320-33-1
CNF C27 H33 N3 O3 S

Relative stereochemistry.
Double bond geometry as shown.

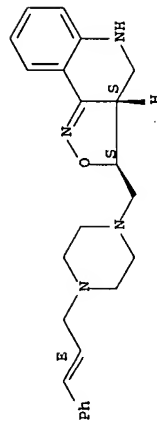


CM 2
CRN 76-05-1
CNF C2 H F3 O2



RN 452320-36-4 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3AR)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-38-6 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3AR)-rel- (9CI)
(CA INDEX NAME)

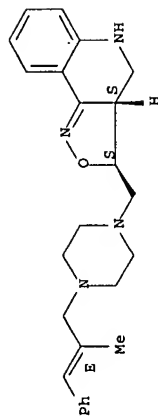
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Compound 349
Column 103

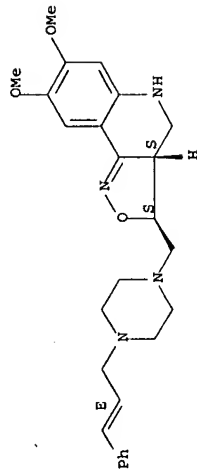
10/513699

Relative stereochemistry.
Double bond geometry as shown.



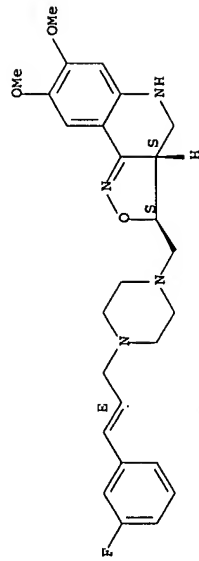
RN 452320-40-0 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-42-2 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-44-4 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel-(+)-

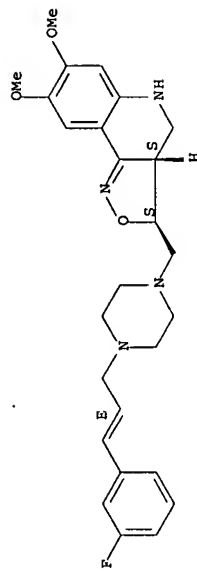
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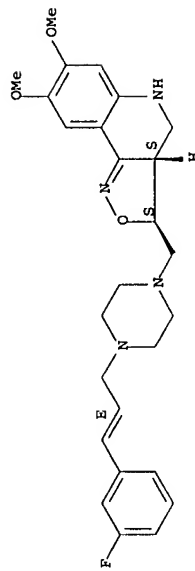
(9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



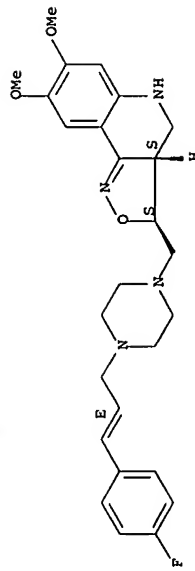
RN 452320-46-6 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel-(-)- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452320-48-8 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel-(-)- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



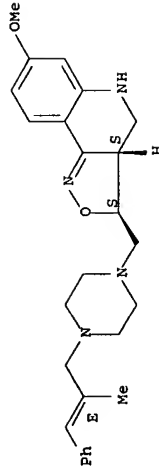
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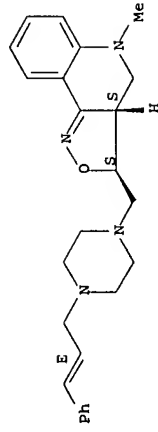
RN 452320-50-2 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



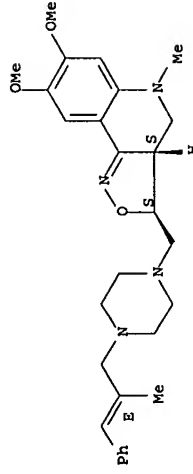
RN 452320-52-4 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-5-methyl-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-54-6 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-5-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



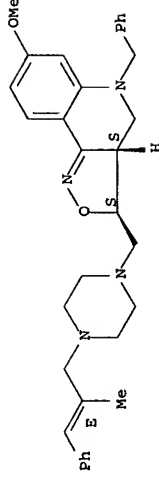
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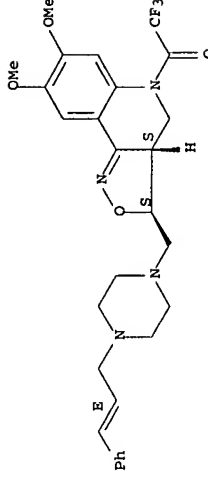
RN 452320-56-8 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-5-(phenylmethyl)-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



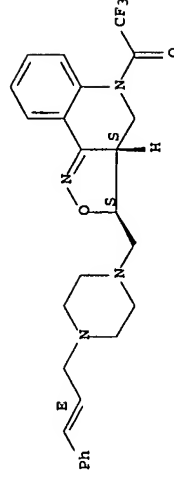
RN 452320-58-0 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-5-(trifluoroacetyl)-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-60-4 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-5-(trifluoroacetyl)-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



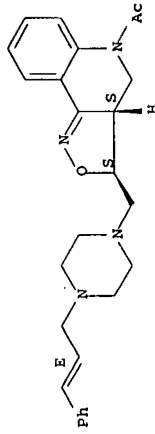
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10/513699

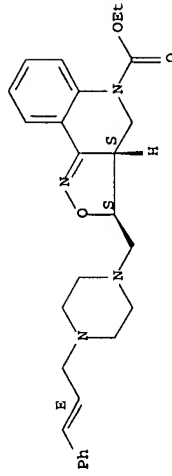
RN 452320-62-6 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 5-acetyl-3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



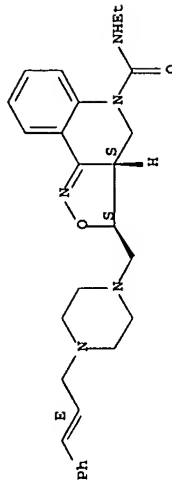
RN 452320-64-8 CAPLUS
CN Isoxazolo[4,3-c]quinoline-5(3H)-carboxylic acid, 3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, ethyl ester, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-66-0 CAPLUS
CN Isoxazolo[4,3-c]quinoline-5(3H)-carboxamide, N-ethyl-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



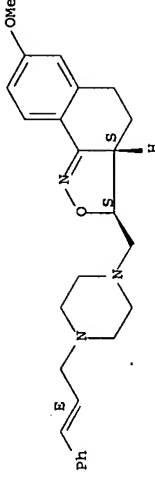
<12/04/2007>

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10/513699

RN 452320-68-2 CAPLUS
CN Naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

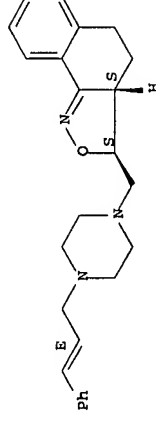
Relative stereochemistry.
Double bond geometry as shown.



● 2 HCl

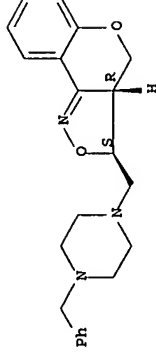
RN 452320-70-6 CAPLUS
CN Naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-72-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(phenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452320-74-0 CAPLUS

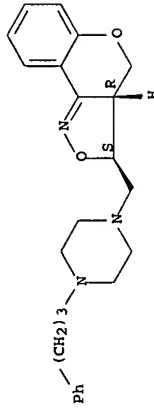
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10/513699

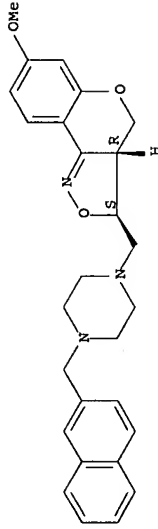
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(3-phenylpropyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452320-76-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

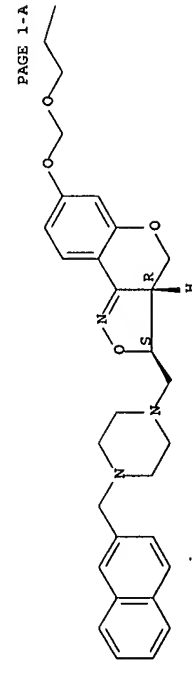
Relative stereochemistry.



● 2 HCl

RN 452320-78-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methyl]-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



PAGE 1-A

<12/04/2007>

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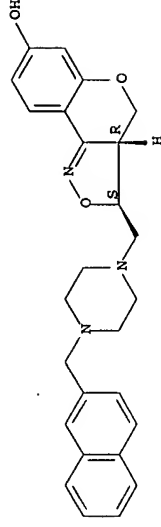
10/513699

PAGE 1-B

—OMe

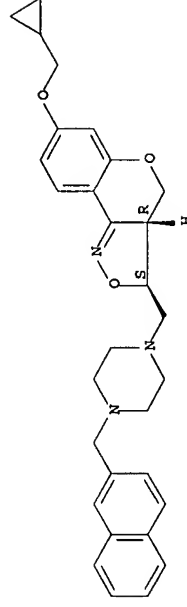
RN 452320-80-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



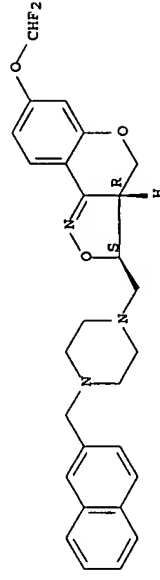
RN 452320-82-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopropylmethoxy)-3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452320-84-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(difluoromethoxy)-3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



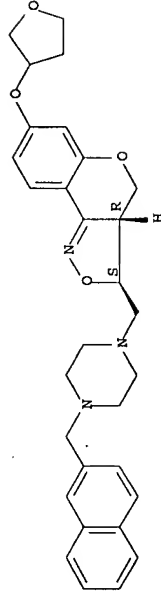
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10/513699

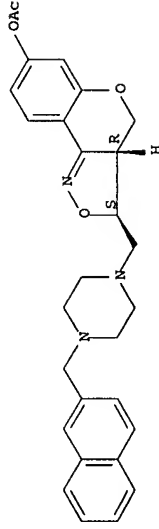
RN 452320-86-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-7-[[tetrahydro-3-furanyl]oxy]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



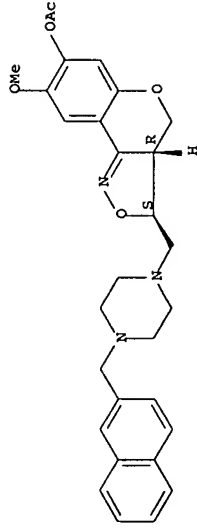
RN 452320-88-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452320-90-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



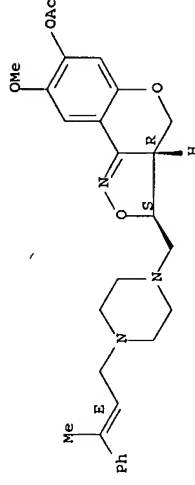
RN 452320-92-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-(2E)-3-phenyl-2-butenyl]-1-piperazinyl]methyl]-, acetate (ester), (3R,3aS)-rel-

<12/04/2007>

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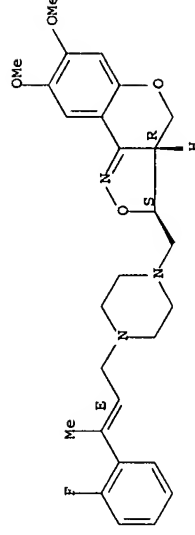
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(9CI) (CA INDEX NAME)
Relative stereochemistry.
Double bond geometry as shown.



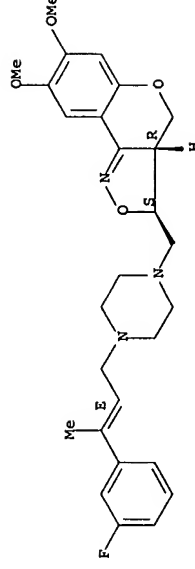
RN 452320-94-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-fluorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-96-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



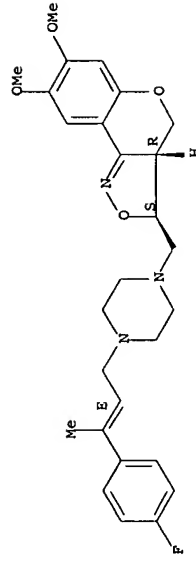
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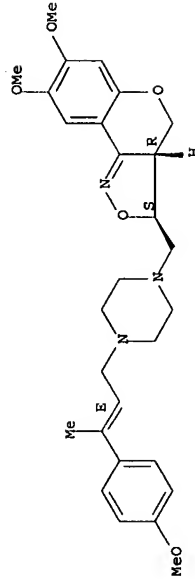
RN 452320-98-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452321-00-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(4-methoxyphenyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



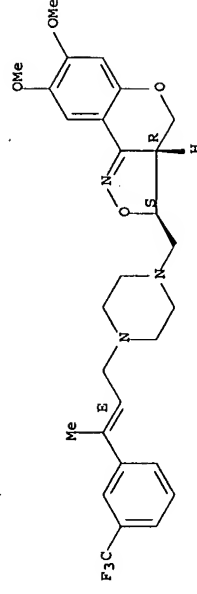
RN 452321-02-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-[3-(trifluoromethyl)phenyl]-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

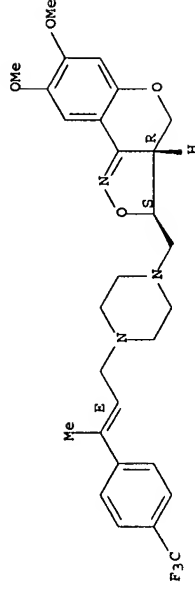
Erich Leese

10/513699



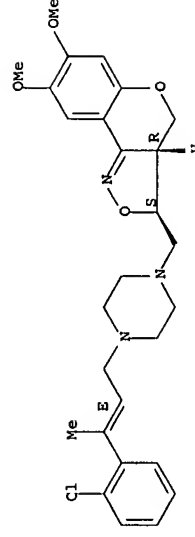
RN 452321-04-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-[4-(trifluoromethyl)phenyl]-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452321-06-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-chlorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



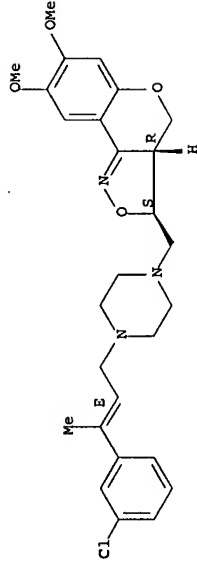
RN 452321-08-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-chlorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

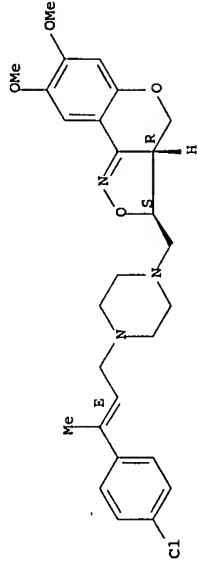
10/513699

Relative stereochemistry.
Double bond geometry as shown.



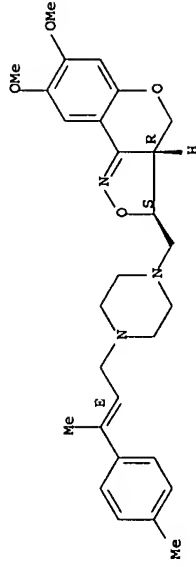
RN 452321-10-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-chlorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452321-12-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(4-methylphenyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



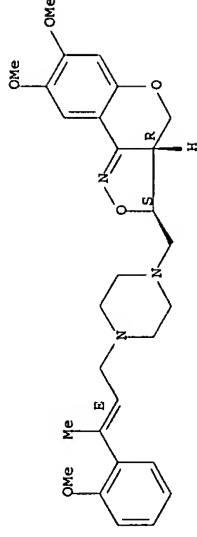
<12/04/2007>

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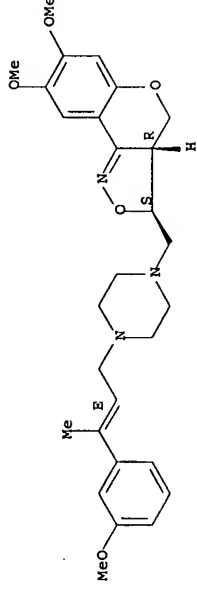
RN 452321-14-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methoxyphenyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452321-16-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-methoxyphenyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



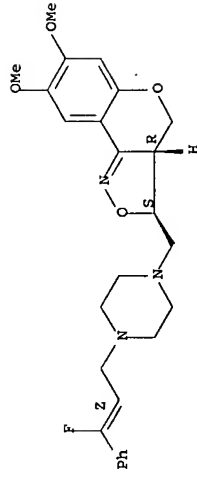
RN 452321-19-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-(3-fluoro-3-phenyl-2-propenyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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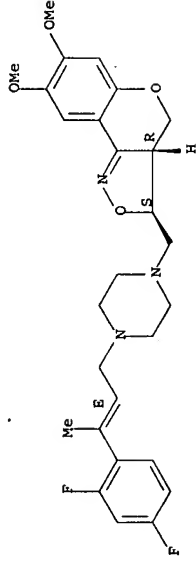
10/513699



● 2 HCl

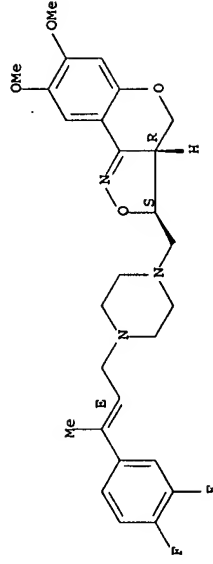
RN 452321-21-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-((2E)-3-(2,4-difluorophenyl)-2-butenyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452321-23-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-((2E)-3-(3,4-difluorophenyl)-2-butenyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



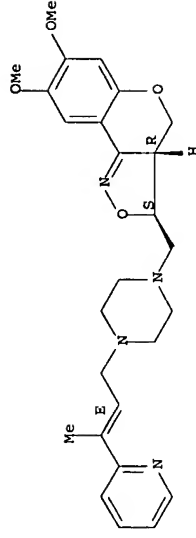
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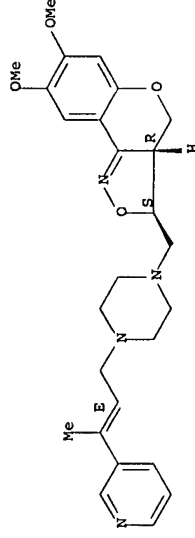
RN 452321-25-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((2E)-3-(2-pyridinyl)-2-butenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452321-27-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((2E)-3-(3-pyridinyl)-2-butenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



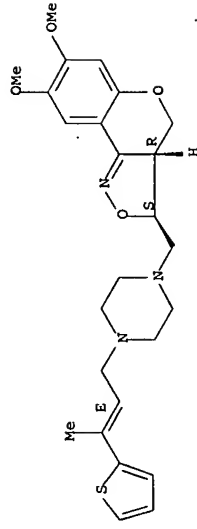
RN 452321-29-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((2E)-3-(2-thienyl)-2-butenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

<12/04/2007>

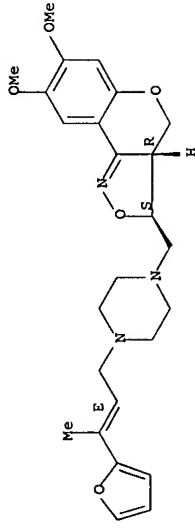
Erich Leese

10/513699



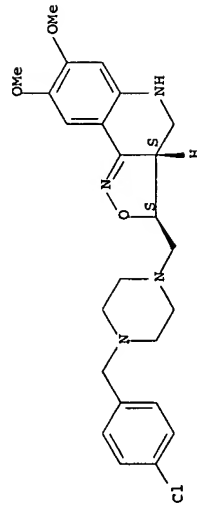
RN 452321-31-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-furanyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452321-33-4 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(4-chlorophenyl)methyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



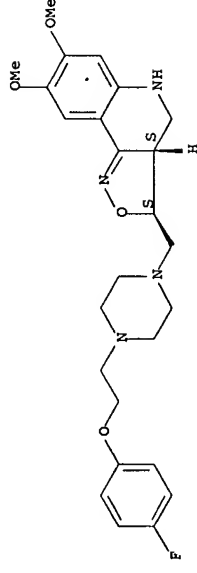
RN 452321-35-6 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[2-(4-fluorophenoxy)ethyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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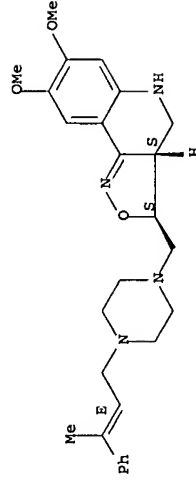
10/513699

Relative stereochemistry.



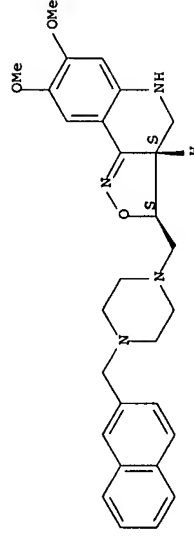
RN 452321-37-8 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452321-39-0 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-(2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452321-41-4 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-(6-quinolinyl)methyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

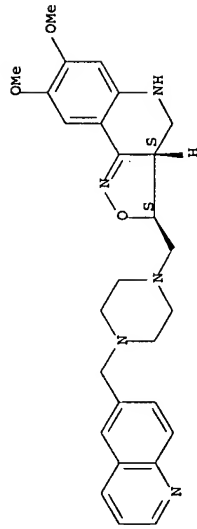
<12/04/2007>

Erich Leese

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NAME)

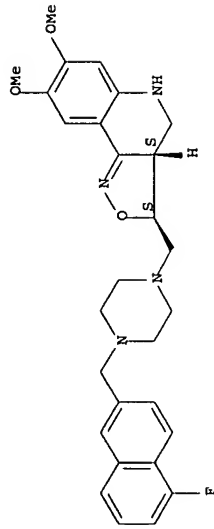
Relative stereochemistry.



RN 452321-43-6 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(5-fluoro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

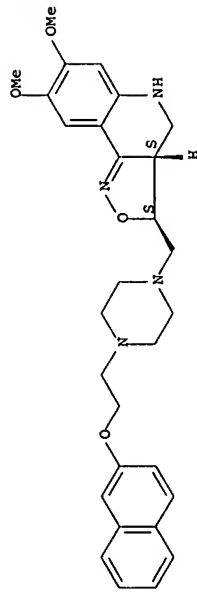
Relative stereochemistry.



RN 452321-45-8 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[2-(2-naphthalenyloxy)ethyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452321-47-0 CAPLUS

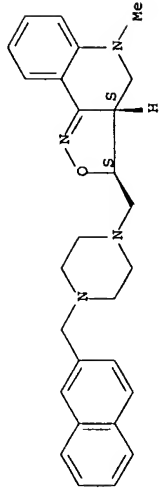
<12/04/2007>

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CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-5-methyl-3-[[4-(2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

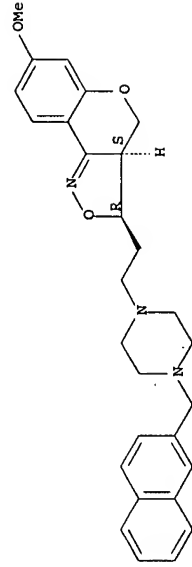
Relative stereochemistry.



RN 452321-55-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4,4-dihydro-7-methoxy-3-[2-[4-(2-naphthalenyl)methyl]-1-piperazinyl]ethyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

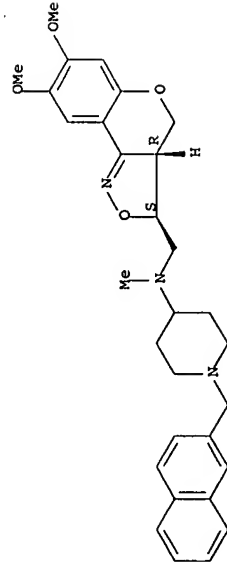
Relative stereochemistry.



RN 452321-57-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanamine, 3a,4,4-dihydro-7,8-dimethoxy-N-methyl-N-[1-(2-naphthalenyl)methyl]-4-piperidinyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



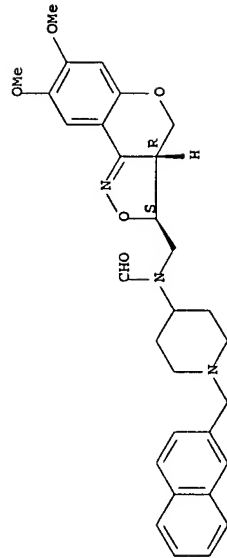
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Erich Leese

10/513699

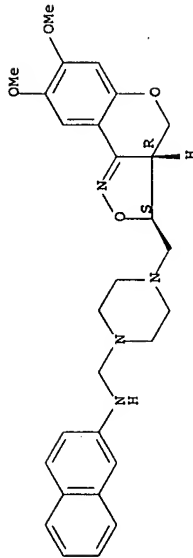
RN 452321-59-4 CAPLUS
CN Formamide, N-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-N-[1-(2-naphthalenylmethyl)-4-piperidinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452321-61-8 CAPLUS
CN 1-Piperazinemethanamine, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-N-2-naphthalenyl]-, rel- (9CI) (CA INDEX NAME)

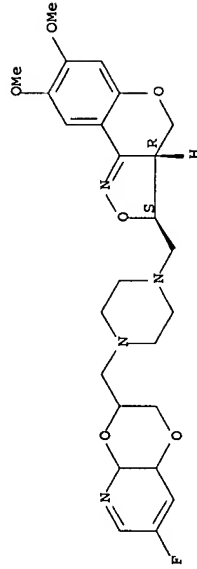
Relative stereochemistry.



RN 452934-93-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(7-fluoro-2,3,4a,8a-tetrahydro-1,4-dioxino[2,3-b]pyridin-3-yl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

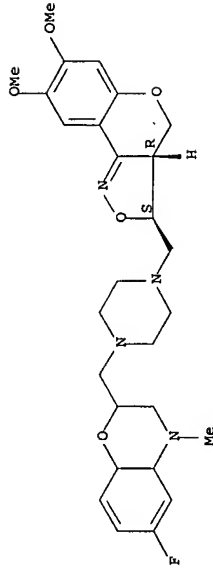
Relative stereochemistry.

10/513699



RN 452934-94-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(6-fluoro-3,4,4a,8a-tetrahydro-4-methyl-2H-1,4-benzoxazin-2-yl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L5 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:260283 CAPLUS
DOCUMENT NUMBER: 132:293757

TITLE: Preparation of novel 4,5-dihydroisoxazole derivatives and their use as pharmaceuticals for T cell-mediated diseases

INVENTOR(S): Freyne, Eddy Jean Edgard; Andries-Gil, Jose Ignacio; Dercoose, Frederik Dirk; Petit, Davy Petrus Franciscus Maria; Matesanz-Ballesteros, Maria Encarnacion, Alvarez Escobar, Rosa Maria
PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.
SOURCE: PCT Int. Appl., 108 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

<12/04/2007>

Erich Leese

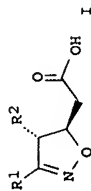
<12/04/2007>

Erich Leese

10/513699

TITLE: A convenient synthesis of 3- and 3,4-substituted 4,5-dihydroisoxazole-5-acetic acids
AUTHOR(S): Eichinger, Karl; Wokurek, Michael; Zauner, Bernd; Rostami, Mohammad Reza
CORPORATE SOURCE: Institute of Organic Chemistry, Vienna University of Technology, Vienna, A-1060, Austria
SOURCE: Synthetic Communications (1997), 27(16), 2733-2742
CODEN: SYNCAV; ISSN: 0039-7911

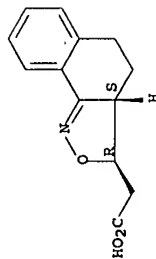
PUBLISHER: Dekker
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 127:149098
GI



AB The 4,5-dihydroisoxazole-5-acetic acids I [R1 = Ph, Me, 4-ClC6H4, 4-MeOC6H4, 4-PhC6H4, R2 = H, SPH, OPh, 4-ClC6H4; R1R2 = (CH2)4, (CH2)10, 1,2,3,4-tetrahydronaphth-1,2-diyl] were prepared from the ketoximes R1C(CH2R2)NOH, 2,2-dimethyl-5-methoxymethylene-1,3-dioxan-4,6-dione and butyllithium in yields from 35 to 79 %.

IT 193267-45-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(Preparation of isoxazoleacetic acids)
RN 193267-45-7 CAPLUS
CN Naphth[1,2-c]isoxazole-3-acetic acid, 3,3a,4,5-tetrahydro-, cis- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:228191 CAPLUS
DOCUMENT NUMBER: 122:81272
TITLE: Nitrile oxide [3 + 2] cycloaddition: application to the synthesis of 6-substituted 3(2H)-pyridazinones and 6-substituted 4,5-dihydro-4-hydroxy-3(2H)-pyridazinones

<12/04/2007>

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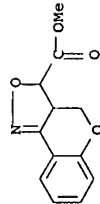
10/513699

AUTHOR(S): Baraldi, P. G.; Bigoni, A.; Cacciari, B.; Caldari, C.; Manfredini, S.; Spalluto, G.
CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Univ. di Ferrara, Ferrara, I-44100, Italy
SOURCE: Synthesis (1994), (11), 1158-62
CODEN: SYNTHF; ISSN: 0039-7881

PUBLISHER: Thieme
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 122:81272

AB An efficient method for the preparation of 6-substituted 3(2H)-pyridazinones and 6-substituted 4,5-dihydro-4-hydroxy-3(2H)-pyridazinones starting from 3,5-disubstituted 4,5-dihydroisoxazoles is described. N-O bond cleavage of the isoxazoline ring promoted by molybdenum hexacarbonyl or by catalytic hydrogenation afforded the 4-hydroxy [4-keto esters RCOCH2CH(OH)CO2Et (I, R = Me, Bu, 2-, 4-pyridyl, 4-HOC6H4) which were converted into 6-substituted 4,5-dihydro-4-hydroxy-3(2H)-pyridazinones for 6-substituted 3(2H)-pyridazinones on treatment with hydrazine hydrate at room temperature or reflux in high yield starting from I. An intramol. version of this methodol. has been developed to prepare the known antiulcer tricyclic 5H-[1]-benzopyrano[4,3-c]pyridazin-3(2H)-one.

IT 160427-31-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(nitrile oxide [3 + 2] cycloaddn. to pyridazinones)
RN 160427-31-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-, methyl ester (9CI) (CA INDEX NAME)



L5 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:194454 CAPLUS
DOCUMENT NUMBER: 123:111970

TITLE: Pyridazin-3(2H)-ones via Δ^2 -isoxazoline intermediates: synthetic studies

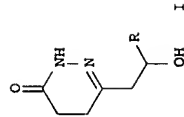
AUTHOR(S): Baraldi, Pier Giovanni; Spalluto, Giampiero; Manfredini, Stefano; Simoni, Daniele
CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Università di Ferrara, Ferrara, Italy
SOURCE: Acta Chimica Slovenica (1994), 41(2), 149-72
CODEN: ACSLE7; ISSN: 1318-0207

DOCUMENT TYPE: Journal
LANGUAGE: English
GI

<12/04/2007>

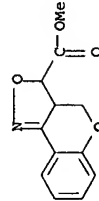
Erich Leese

10/513699



AB An efficient method for the preparation of 6-substituted-4,5-dihydro-3(2H)-pyridazinones I (R = alkyl, benzyl, etc.) was described. The synthetic strategy is based on 4,5-dihydro-3(2H)-pyridazinone which was unmasked by N-O bond cleavage and cyclized to the target compound. Utilizing the same approach was possible to obtain both 6-substituted-3(2H)-pyridazinones and 6-substituted-4-hydroxy-4,5-dihydro-3(2H)-pyridazinones. This protocol was also extended to a C-nucleoside starting from β -D-ribofuranosylhydrazine. Moreover, an intramolecular version of this methodol. has been developed to prepare a known anticancer tricyclic 3(2H)-pyridazinone. The unusual transformation of compds. I into the corresponding 3-(1-naphthyl)propionic acid Et ester derivs. was also reported.

IT 160427-31-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (Preparation of benzopyranopyridazinone)
 RN 160427-31-6 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-, methyl ester (9CI) (CA INDEX NAME)

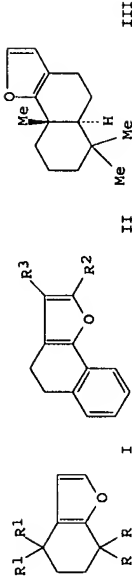


LS ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1993:234262 CAPLUS
 DOCUMENT NUMBER: 118:234262
 TITLE: A general synthetic route to fused furans. Total synthesis of (+)-pallascensin A
 AUTHOR(S): Shishido, Koro; Unimoto, Koji; Ouchi, Mikiko; Irie, Osamu; Omodani, Tomoki; Takata, Takeshi; Shibuya, Masayuki
 CORPORATE SOURCE: Inst. Med. Resour., Univ. Tokushima, Tokushima, 770, Japan
 SOURCE: Journal of Chemical Research, Synopses (1993), (2), 58-9
 CODEN: JRPSCD; ISSN: 0308-2342
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI

<12/04/2007>

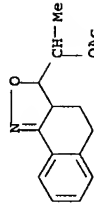
Erich Leese

10/513699

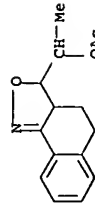


AB A general and facile synthetic route to fused furans has been developed. The key step of the transformation involves the intramolecular [3+2] dipolar cycloaddition reaction of nitrile oxides which were generated in situ from the corresponding oxime acetates. Reductive hydrolysis of the resulting dihydroisoxazoles followed by alkaline hydrolysis provided β , γ -dihydroxy ketones which were immediately treated with a catalytic amount of p-toluenesulfonic acid to afford the fused furans I (R = Me, R1 = H; R = H, R1 = Me). Alternatively, the alcohols, derived by reductive hydrolysis and acid treatment to provide I. Addnl. dihydroisoxazole alcohols, prepared from com. available phthalide, were similarly treated to give the tricyclic fused furans II (R2 = H, Me, R3 = Me; R2 = Me, R3 = H) in reasonable yields. The methodol. developed here has been successfully applied to a total synthesis of (+)-pallascensin A (III) starting with (+)-Wieland-Wiescher ketone.

IT 147378-13-0P 147511-14-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (Preparation and deacetylation of)
 RN 147378-13-0 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α -methyl-, acetate (ester), [3a(R*),3ac]- (9CI) (CA INDEX NAME)



RN 147511-14-6 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α -methyl-, acetate (ester), [3a(R*),3ac]- (9CI) (CA INDEX NAME)



IT 147378-22-1P 147511-12-4P

<12/04/2007>

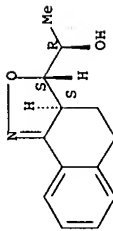
Erich Leese

10/513699

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation, hydrolysis, and cyclization of)

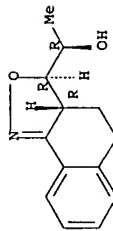
RN 147378-22-1 CAPLUS
CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α -methyl-,
[3 α (S*),3 α] - (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 147511-12-4 CAPLUS
CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α -methyl-,
[3 α (R*),3 α] - (9CI) (CA INDEX NAME)

Relative stereochemistry.



<12/04/2007>

Erich Leese